

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011325\
 Data File : BF141131.D
 Acq On : 13 Jan 2025 17:29
 Operator : RC/JU
 Sample : P1187-07
 Misc : LOD-MDL-WATER 4PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

Quant Time: Jan 13 17:50:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/14/2025
 Supervised By :mohammad ahmed 01/14/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	146475	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	569466	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	310369	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	538631	20.000	ng	0.00
76) Chrysene-d12	13.980	240	333772	20.000	ng	0.00
86) Perylene-d12	15.445	264	294187	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1016133	107.167	ng	0.00
7) Phenol-d6	6.445	99	1291989	107.570	ng	0.00
23) Nitrobenzene-d5	7.381	82	879072	81.828	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	416248	117.702	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1607109	79.071	ng	0.00
79) Terphenyl-d14	12.933	244	1731800	77.118	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	16561	3.922	ng	99
3) Pyridine	3.322	79	35600	3.438	ng	99
4) n-Nitrosodimethylamine	3.210	42	18811	3.716	ng	# 97
6) Aniline	6.481	93	52197	4.895	ng	99
8) 2-Chlorophenol	6.604	128	42315	4.160	ng	96
9) Benzaldehyde	6.369	77	34788	4.918	ng	98
10) Phenol	6.457	94	52243	4.063	ng	# 74
11) bis(2-Chloroethyl)ether	6.551	93	38790	4.048	ng	99
12) 1,3-Dichlorobenzene	6.757	146	45418	4.003	ng	99
13) 1,4-Dichlorobenzene	6.839	146	47072	4.117	ng	97
14) 1,2-Dichlorobenzene	6.992	146	43550	4.083	ng	98
15) Benzyl Alcohol	6.957	79	45935	5.296	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.086	45	55313	4.137	ng	98
17) 2-Methylphenol	7.063	107	33485	4.077	ng	98
18) Hexachloroethane	7.333	117	17278	4.179	ng	96
19) n-Nitroso-di-n-propyla...	7.222	70	29346	4.148	ng	99
20) 3+4-Methylphenols	7.216	107	42538	4.105	ng	# 78
22) Acetophenone	7.222	105	59519	4.397	ng	99
24) Nitrobenzene	7.398	77	46474	4.151	ng	98
25) Isophorone	7.633	82	75576	4.117	ng	100
26) 2-Nitrophenol	7.716	139	19401	3.809	ng	99
27) 2,4-Dimethylphenol	7.745	122	18803	2.737	ng	99
28) bis(2-Chloroethoxy)met...	7.845	93	47560	4.128	ng	98
29) 2,4-Dichlorophenol	7.951	162	33011	4.046	ng	98
30) 1,2,4-Trichlorobenzene	8.039	180	37420	4.012	ng	98
31) Naphthalene	8.122	128	129410	4.309	ng	98
32) Benzoic acid	7.792	122	15355	2.330	ng	97
33) 4-Chloroaniline	8.169	127	46129	4.441	ng	98
34) Hexachlorobutadiene	8.239	225	22918	4.078	ng	97
35) Caprolactam	8.492	113	10380	3.886	ng	98
36) 4-Chloro-3-methylphenol	8.639	107	43023	4.822	ng	97
37) 2-Methylnaphthalene	8.810	142	82289	4.300	ng	99
38) 1-Methylnaphthalene	8.910	142	76273	4.044	ng	99
40) 1,2,4,5-Tetrachloroben...	8.980	216	38939	4.371	ng	97
41) Hexachlorocyclopentadiene	8.969	237	9462	3.247	ng	100
43) 2,4,6-Trichlorophenol	9.086	196	23707	3.946	ng	95

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Manual Integrations
 APPROVED

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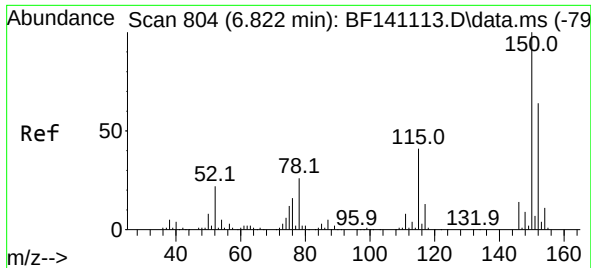
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	26006	4.099	ng	97
46) 1,1'-Biphenyl	9.275	154	109685	4.551	ng	99
47) 2-Chloronaphthalene	9.304	162	77240	4.114	ng	99
48) 2-Nitroaniline	9.392	65	21734	3.905	ng	94
49) Acenaphthylene	9.716	152	121361	4.525	ng	99
50) Dimethylphthalate	9.569	163	88717	4.258	ng	100
51) 2,6-Dinitrotoluene	9.633	165	18247	3.766	ng	94
52) Acenaphthene	9.886	154	82905	4.424	ng	99
53) 3-Nitroaniline	9.798	138	19536	3.968	ng	99
54) 2,4-Dinitrophenol	9.904	184	4727	2.052	ng	# 1
55) Dibenzofuran	10.057	168	110287	4.327	ng	99
56) 4-Nitrophenol	9.951	139	20554	5.330	ng	96
57) 2,4-Dinitrotoluene	10.033	165	27800	4.452	ng	94
58) Fluorene	10.404	166	87351	4.411	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.174	232	22753m	4.314	ng	
60) Diethylphthalate	10.274	149	89336	4.392	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	43044	4.460	ng	98
62) 4-Nitroaniline	10.404	138	16792	3.484	ng	92
63) Azobenzene	10.557	77	83787	4.174	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	8782	2.814	ng	99
66) n-Nitrosodiphenylamine	10.510	169	76611	4.410	ng	98
67) 4-Bromophenyl-phenylether	10.886	248	26599	4.289	ng	99
68) Hexachlorobenzene	10.951	284	29706	4.303	ng	98
69) Atrazine	11.033	200	23598	5.045	ng	98
70) Pentachlorophenol	11.139	266	23429	5.300	ng	98
71) Phenanthrene	11.363	178	132917	4.596	ng	99
72) Anthracene	11.416	178	128473	4.569	ng	98
73) Carbazole	11.569	167	113118	4.387	ng	99
74) Di-n-butylphthalate	11.910	149	135278	4.585	ng	99
75) Fluoranthene	12.551	202	132731	4.600	ng	98
77) Benzidine	12.680	184	27780	4.488	ng	96
78) Pyrene	12.780	202	161145	5.055	ng	99
80) Butylbenzylphthalate	13.404	149	41615	3.915	ng	97
81) Benzo(a)anthracene	13.968	228	95565	4.207	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	25485	3.523	ng	99
83) Chrysene	14.004	228	94248	4.434	ng	98
84) Bis(2-ethylhexyl)phtha...	13.968	149	52316	4.102	ng	98
85) Di-n-octyl phthalate	14.592	149	67933	3.528	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	85437	3.964	ng	98
88) Benzo(b)fluoranthene	15.015	252	79001	4.164	ng	99
89) Benzo(k)fluoranthene	15.045	252	69675	4.346	ng	98
90) Benzo(a)pyrene	15.380	252	66887	4.274	ng	98
91) Dibenzo(a,h)anthracene	16.909	278	68042	3.903	ng	98
92) Benzo(g,h,i)perylene	17.321	276	70340	3.879	ng	97

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

Manual Integrations

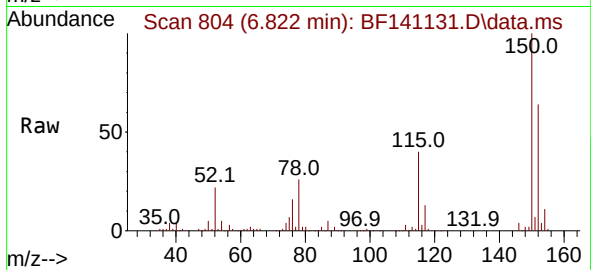
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025

[illegible]



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF1411131.D
 Acq: 13 Jan 2025 17:29

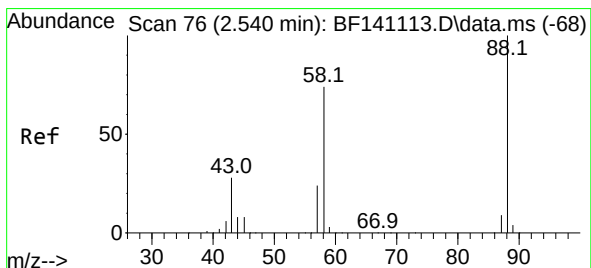
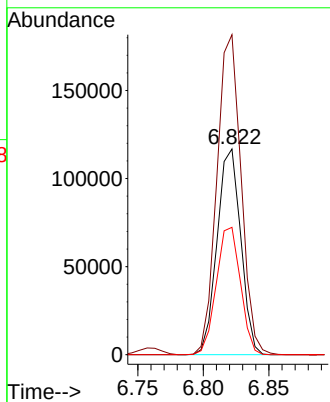
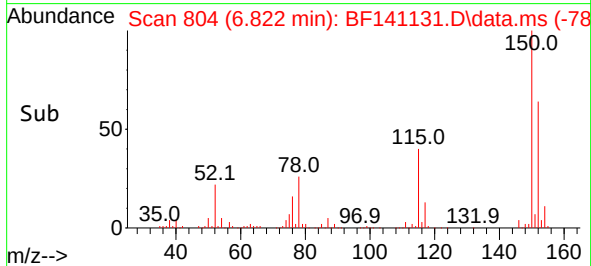
Instrument : BNA_F
 ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion:152 Resp: 146475
 Ion Ratio Lower Upper
 152 100
 150 155.5 125.8 188.8
 115 61.9 51.4 77.2

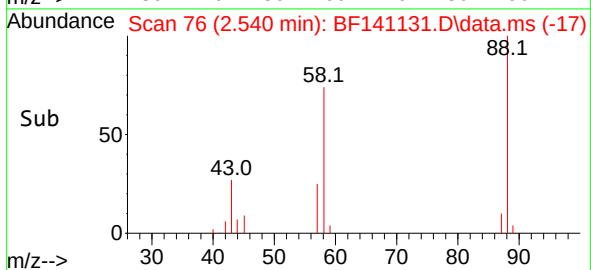
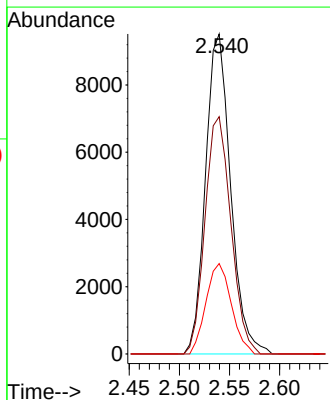
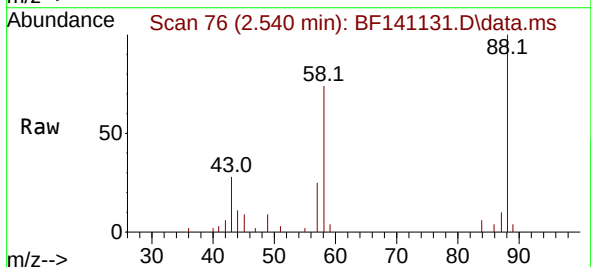
Manual Integrations
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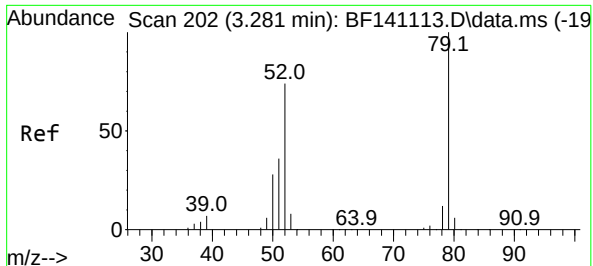
Reviewed By :Yogesh Patel 01/14/2025
 Supervised By :mohammad ahmed 01/14/2025



#2
 1,4-Dioxane
 Concen: 3.922 ng
 RT: 2.540 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: BF1411131.D
 Acq: 13 Jan 2025 17:29

Tgt Ion: 88 Resp: 16561
 Ion Ratio Lower Upper
 88 100
 58 76.6 60.1 90.1
 43 28.5 23.1 34.7





#3

Pyridine

Concen: 3.438 ng

RT: 3.322 min Scan# 20

Delta R.T. 0.041 min

Lab File: BF141131.D

Acq: 13 Jan 2025 17:29

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 79 Resp: 35600

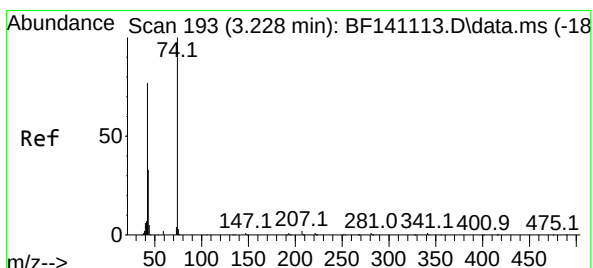
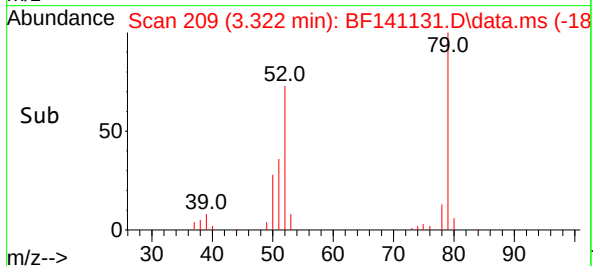
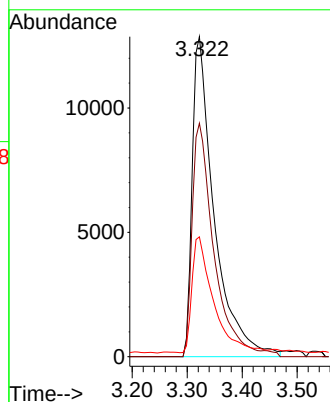
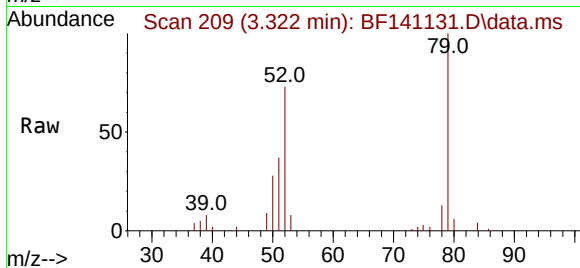
Ion	Ratio	Lower	Upper
79	100		
52	73.0	58.9	88.3
51	37.4	29.1	43.7

Manual Integrations

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Supervised By :mohammad ahmed 01/14/2025



#4

n-Nitrosodimethylamine

Concen: 3.716 ng

RT: 3.210 min Scan# 190

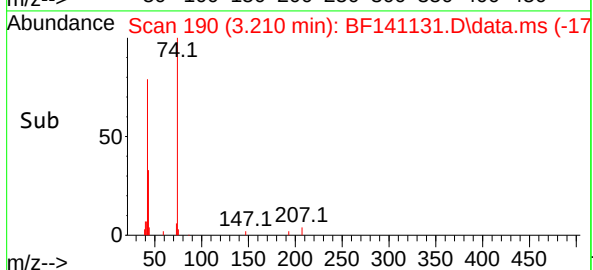
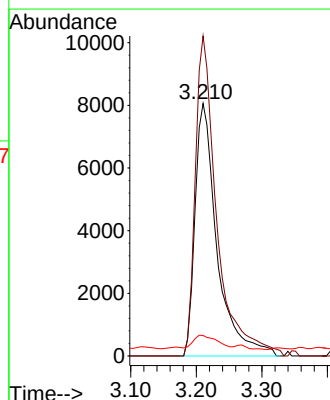
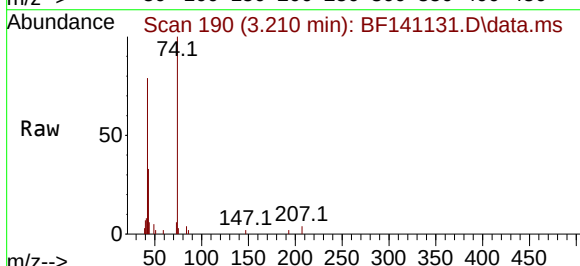
Delta R.T. -0.018 min

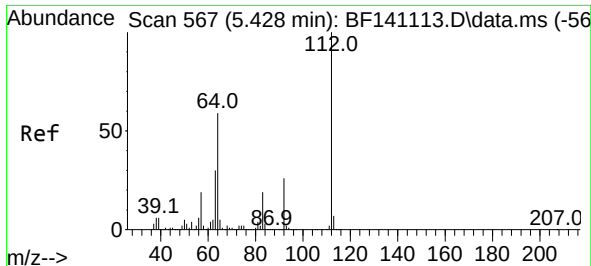
Lab File: BF141131.D

Acq: 13 Jan 2025 17:29

Tgt Ion: 42 Resp: 18811

Ion	Ratio	Lower	Upper
42	100		
74	126.8	103.8	155.6
44	8.1	5.3	7.9





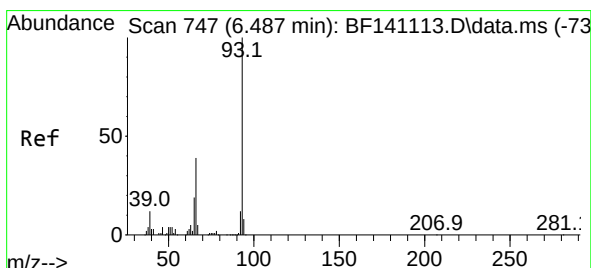
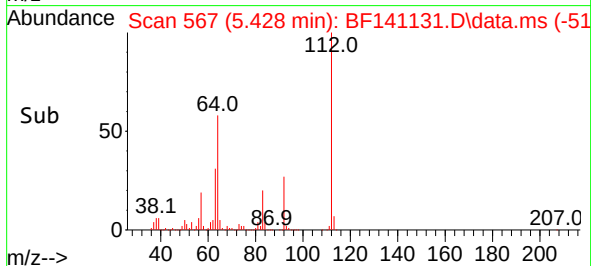
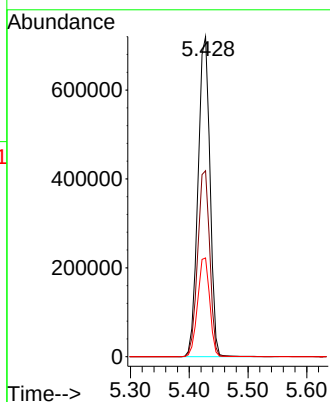
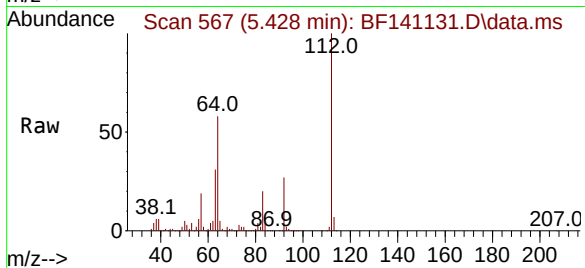
#5
2-Fluorophenol
Concen: 107.167 ng
RT: 5.428 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:112 Resp: 101613
Ion Ratio Lower Upper
112 100
64 58.1 47.3 70.9
63 30.9 24.2 36.2

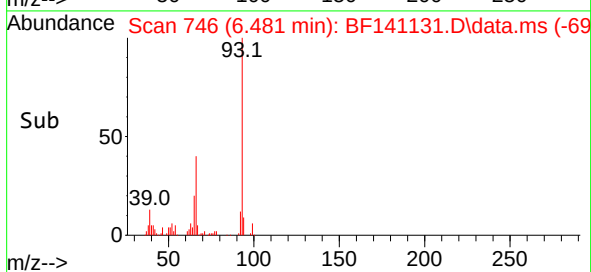
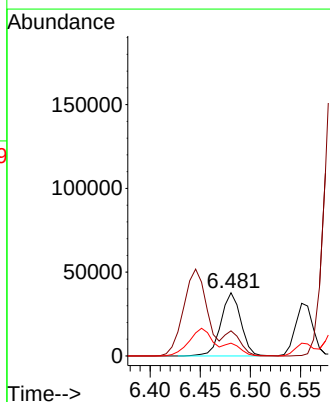
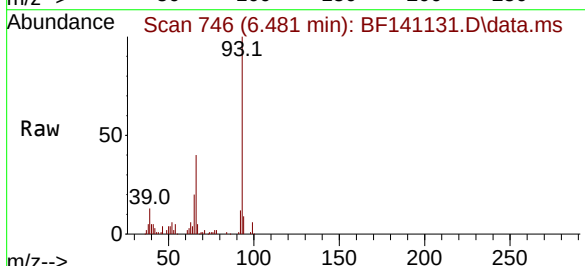
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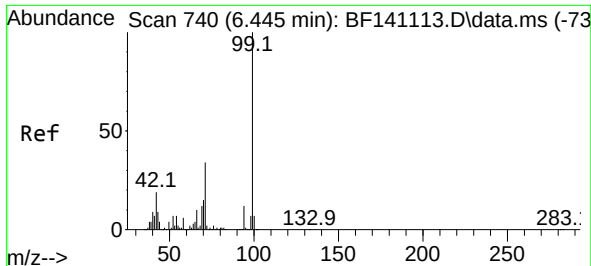
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#6
Aniline
Concen: 4.895 ng
RT: 6.481 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

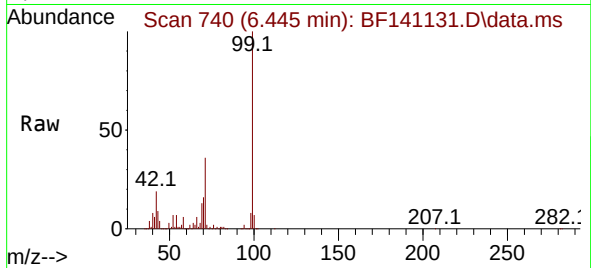
Tgt Ion: 93 Resp: 52197
Ion Ratio Lower Upper
93 100
66 39.6 31.5 47.3
65 20.3 15.3 22.9





#7
Phenol-d6
Concen: 107.570 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

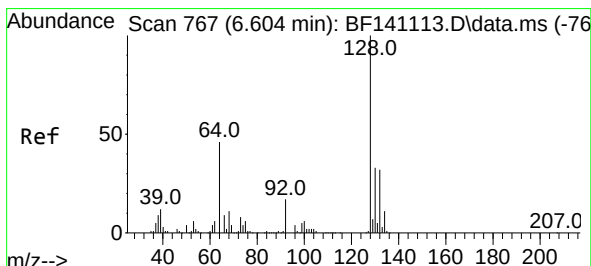
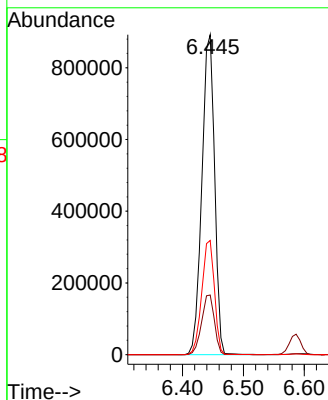
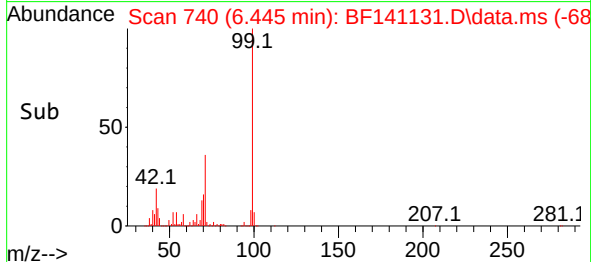
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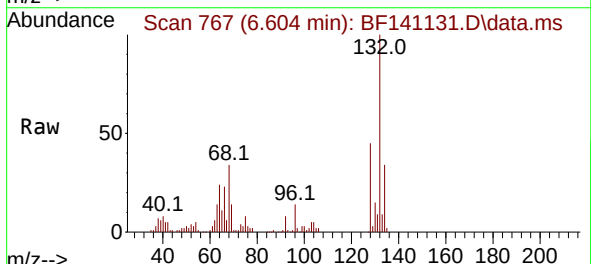
Tgt Ion: 99 Resp: 1291989
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 35.7 27.6 41.4

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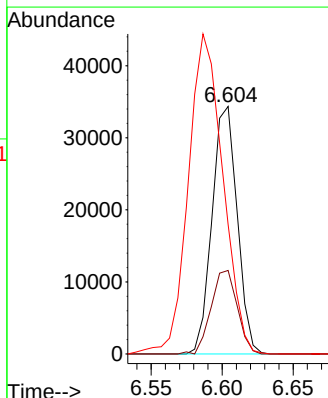
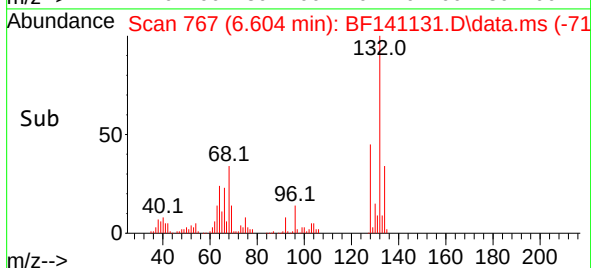
Reviewed By :Yogesh Patel 01/14/2025
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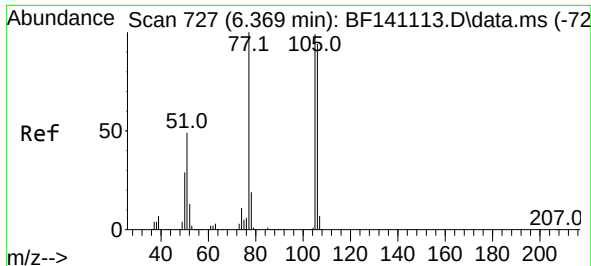


#8
2-Chlorophenol
Concen: 4.160 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.000 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29



Tgt Ion:128 Resp: 42315
Ion Ratio Lower Upper
128 100
130 33.8 12.5 52.5
64 52.3 28.3 68.3





#9

Benzaldehyde

Concen: 4.918 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF141131.D

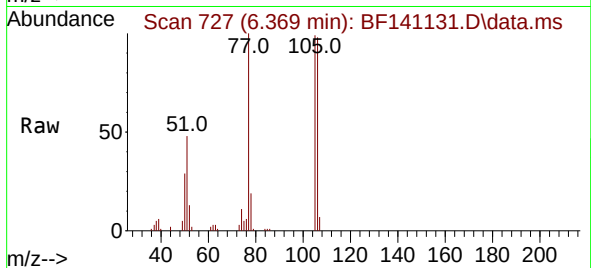
Acq: 13 Jan 2025 17:29

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



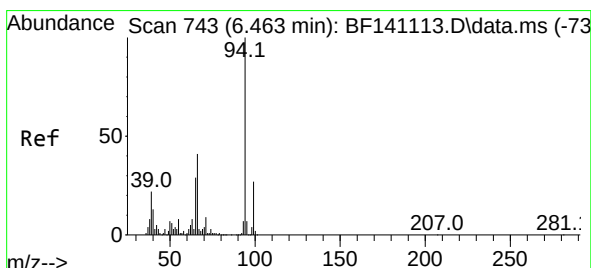
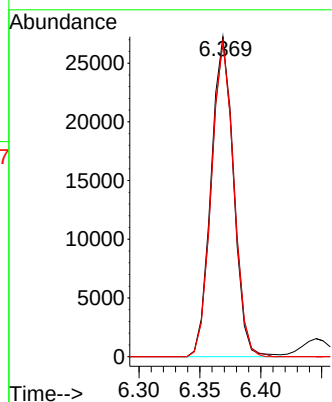
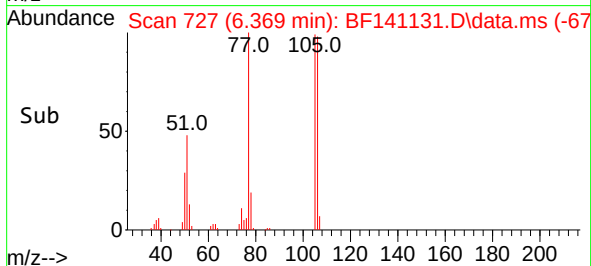
Tgt Ion: 77	Resp: 3478
Ion Ratio	Lower Upper
77	100
105	98.7 78.9 118.9
106	98.2 73.6 113.6

Manual Integrations

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Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#10

Phenol

Concen: 4.063 ng

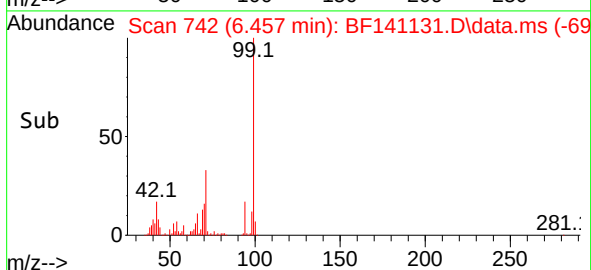
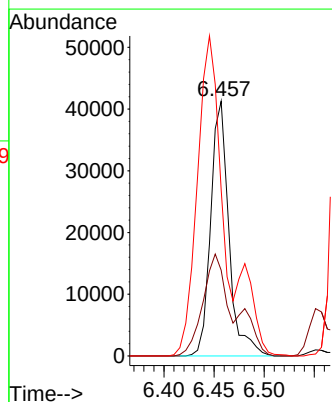
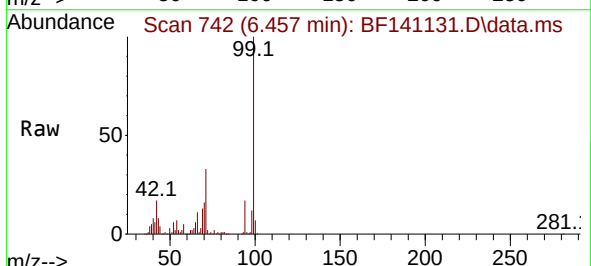
RT: 6.457 min Scan# 742

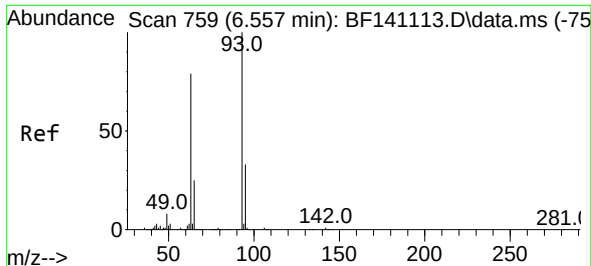
Delta R.T. -0.006 min

Lab File: BF141131.D

Acq: 13 Jan 2025 17:29

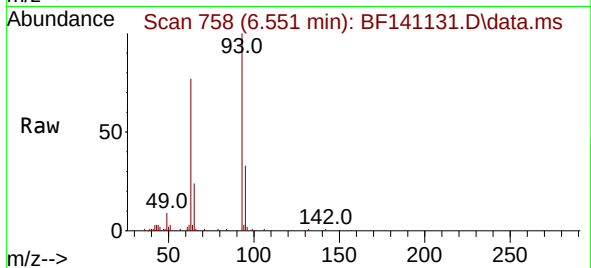
Tgt Ion: 94	Resp: 52243
Ion Ratio	Lower Upper
94	100
65	33.7 8.9 48.9
66	65.4 21.2 61.2





#11
bis(2-Chloroethyl)ether
Concen: 4.048 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

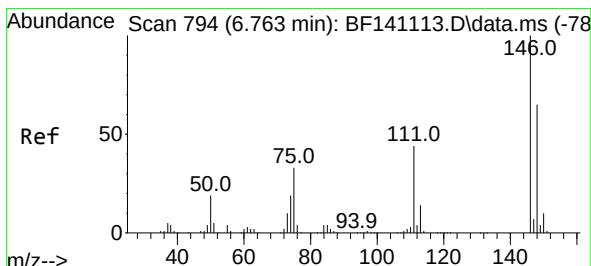
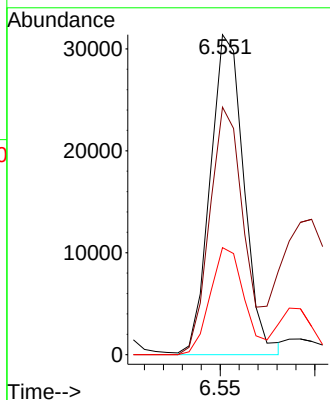
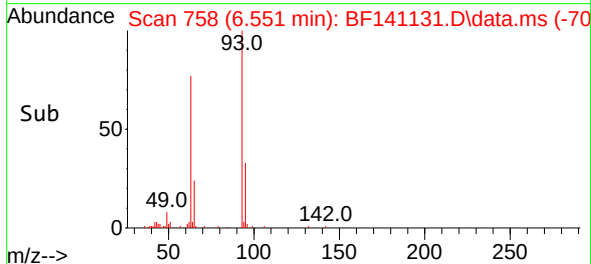
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 93 Resp: 38790
Ion Ratio Lower Upper
93 100
63 77.4 58.0 98.0
95 33.4 12.5 52.5

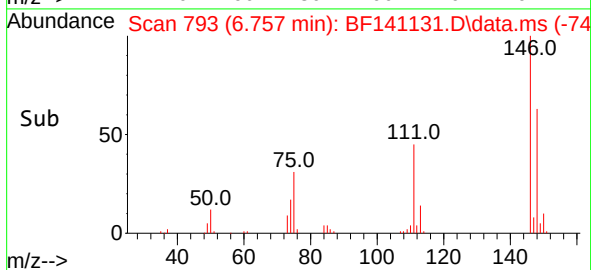
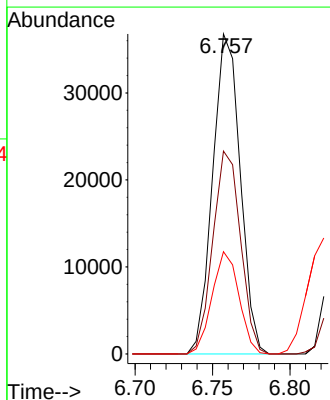
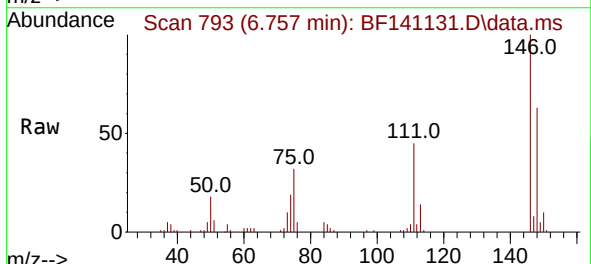
Manual Integrations
APPROVED

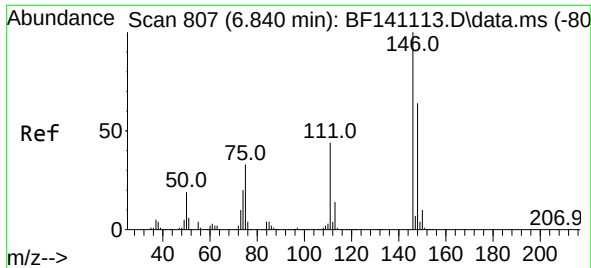
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#12
1,3-Dichlorobenzene
Concen: 4.003 ng
RT: 6.757 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

Tgt Ion:146 Resp: 45418
Ion Ratio Lower Upper
146 100
148 63.4 51.6 77.4
75 31.9 26.2 39.2





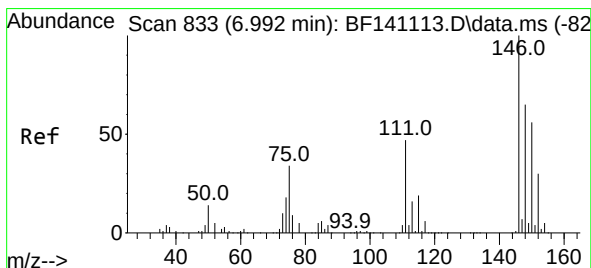
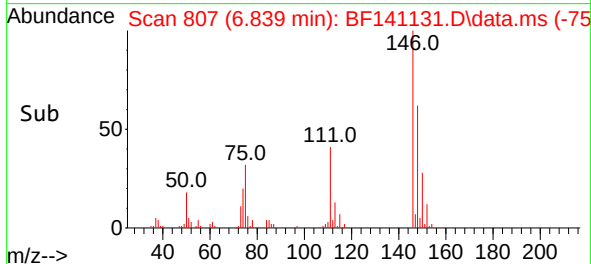
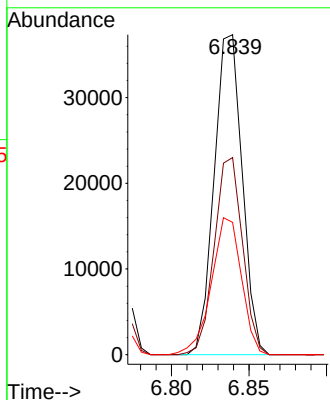
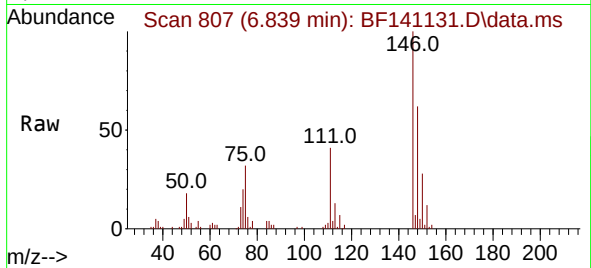
#13
1,4-Dichlorobenzene
Concen: 4.117 ng
RT: 6.839 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF141131.D
Acq: 13 Jan 2025 17:29

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

Tgt Ion:146 Resp: 47072
Ion Ratio Lower Upper
146 100
148 61.6 51.0 76.6
111 41.4 34.9 52.3

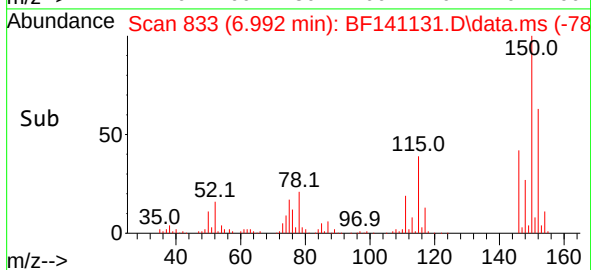
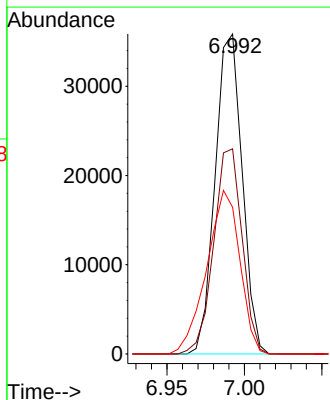
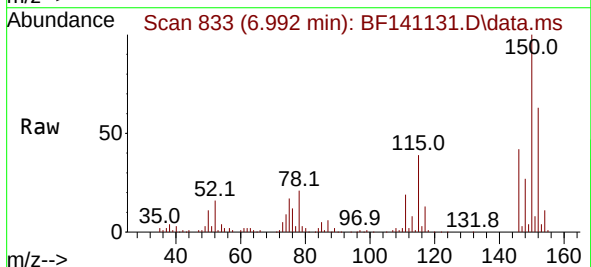
Manual Integrations
APPROVED

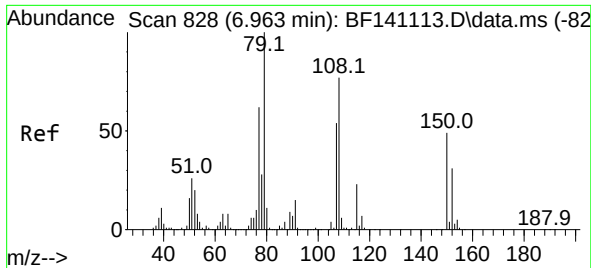
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#14
1,2-Dichlorobenzene
Concen: 4.083 ng
RT: 6.992 min Scan# 833
Delta R.T. -0.000 min
Lab File: BF141131.D
Acq: 13 Jan 2025 17:29

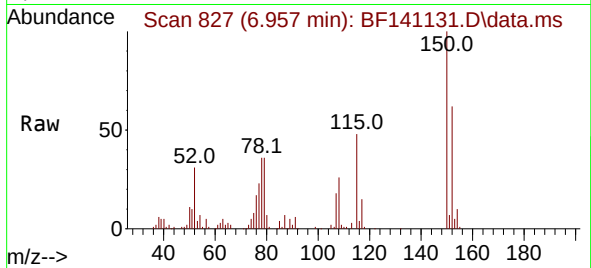
Tgt Ion:146 Resp: 43550
Ion Ratio Lower Upper
146 100
148 64.1 52.2 78.4
111 45.8 37.5 56.3





#15
Benzyl Alcohol
Concen: 5.296 ng
RT: 6.957 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

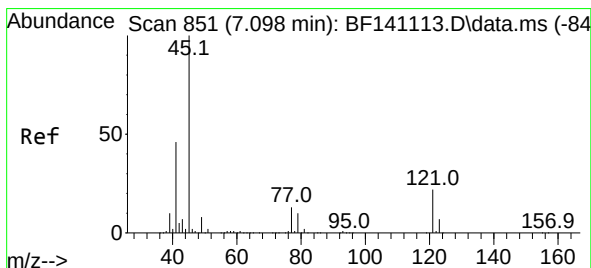
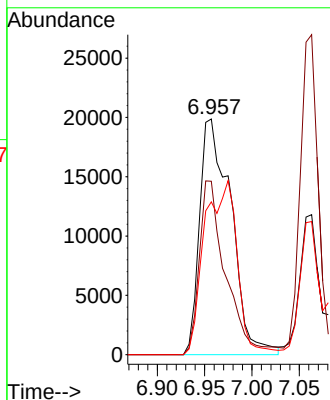
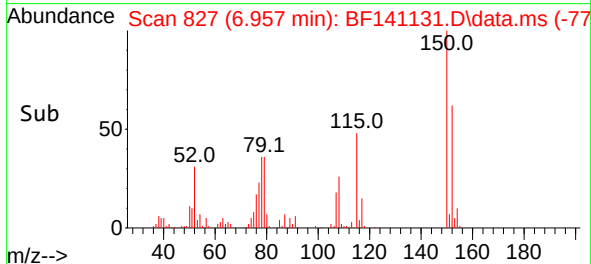
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 79 Resp: 45938
Ion Ratio Lower Upper
79 100
108 73.6 61.4 92.0
77 64.9 49.8 74.6

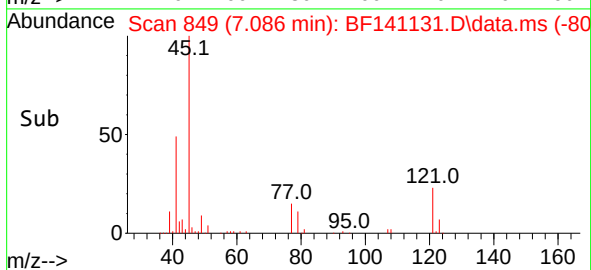
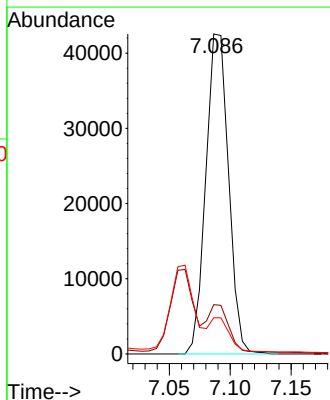
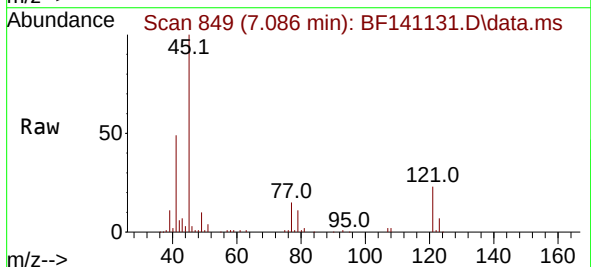
Manual Integrations
APPROVED

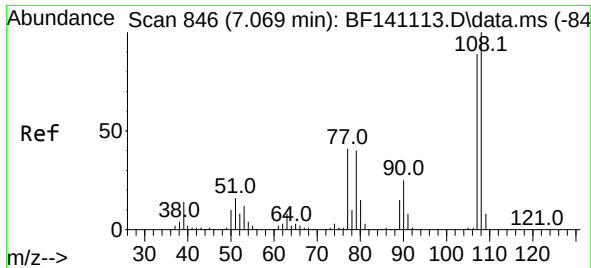
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.137 ng
RT: 7.086 min Scan# 849
Delta R.T. -0.012 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

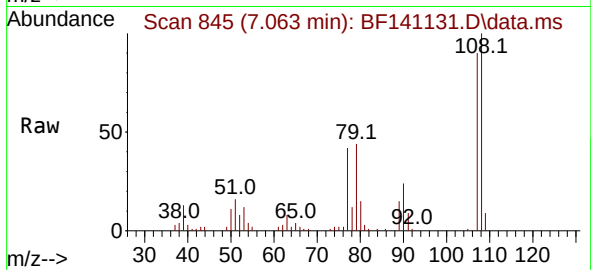
Tgt Ion: 45 Resp: 55313
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.1
79 11.3 0.0 31.0





#17
2-Methylphenol
Concen: 4.077 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

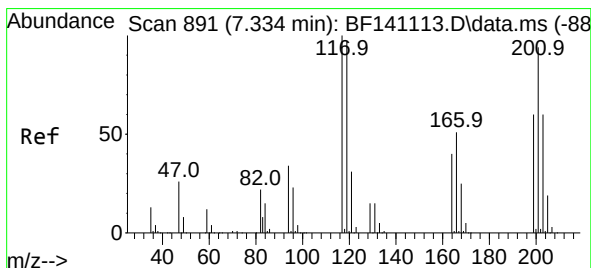
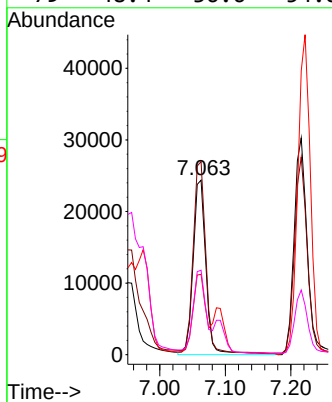
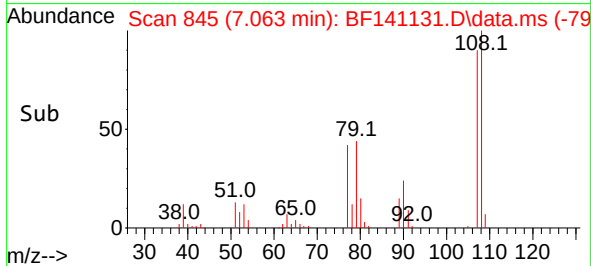
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:107 Resp: 3348
Ion Ratio Lower Upper
107 100
108 110.6 90.1 135.1
77 46.1 36.6 55.0
79 48.4 36.6 54.8

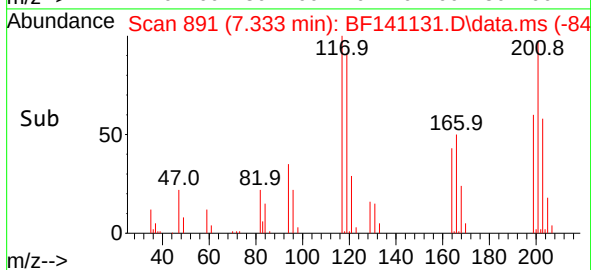
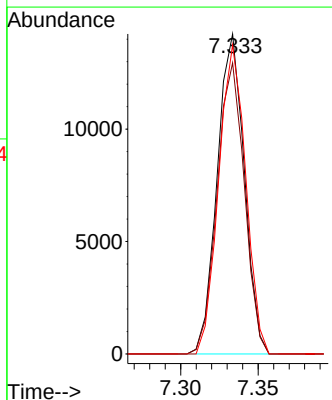
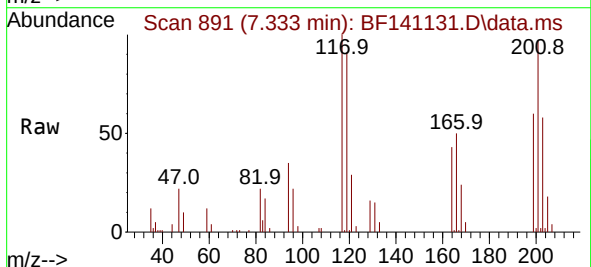
Manual Integrations
APPROVED

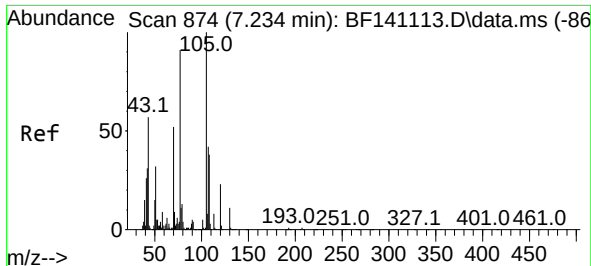
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#18
Hexachloroethane
Concen: 4.179 ng
RT: 7.333 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

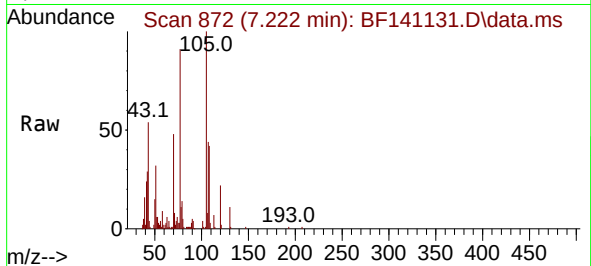
Tgt Ion:117 Resp: 17278
Ion Ratio Lower Upper
117 100
119 91.0 77.6 116.4
201 96.6 75.1 112.7





#19
n-Nitroso-di-n-propylamine
Concen: 4.148 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141131.D
Acq: 13 Jan 2025 17:29

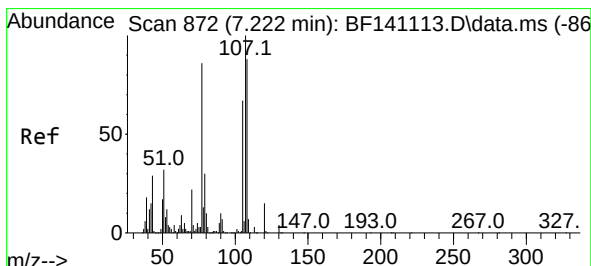
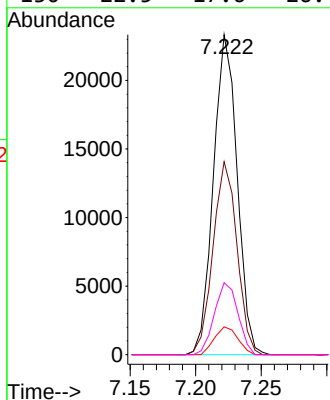
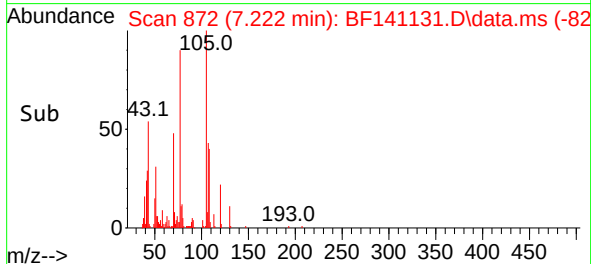
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



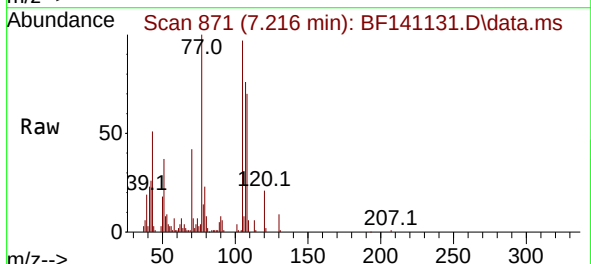
Tgt Ion: 70 Resp: 29340
Ion Ratio Lower Upper
70 100
42 60.3 47.8 71.6
101 8.7 7.9 11.9
130 22.5 17.6 26.4

Manual Integrations
APPROVED

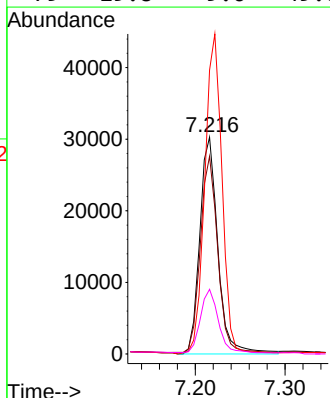
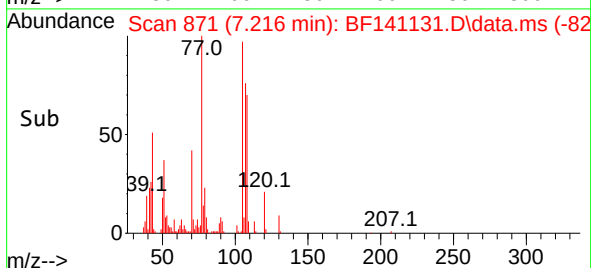
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025

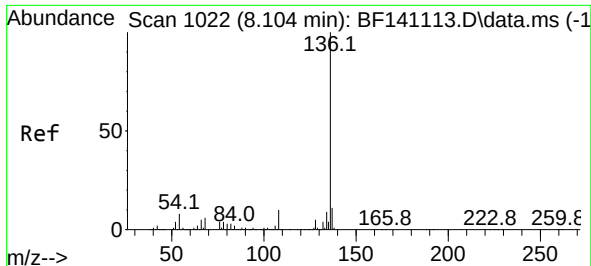


#20
3+4-Methylphenols
Concen: 4.105 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF141131.D
Acq: 13 Jan 2025 17:29



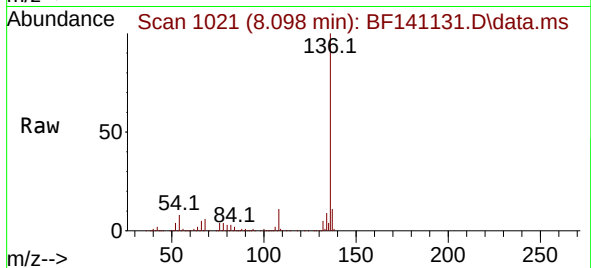
Tgt Ion:107 Resp: 42538
Ion Ratio Lower Upper
107 100
108 91.2 68.3 108.3
77 130.9 66.4 106.4#
79 29.8 9.6 49.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141131.D
Acq: 13 Jan 2025 17:29

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

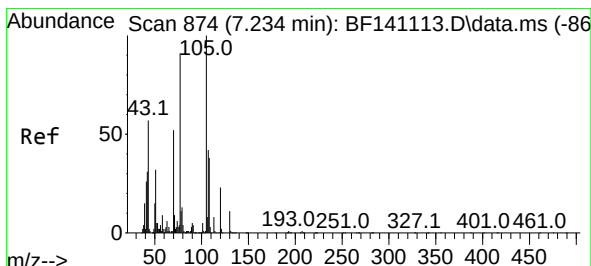
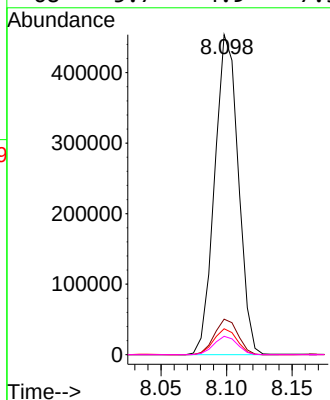
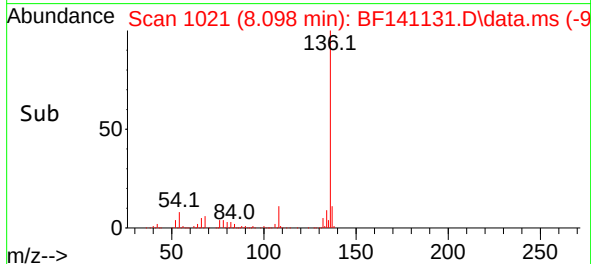


Tgt Ion:136 Resp: 56946

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.1	6.3	9.5
68	5.7	4.9	7.3

Manual Integrations
APPROVED

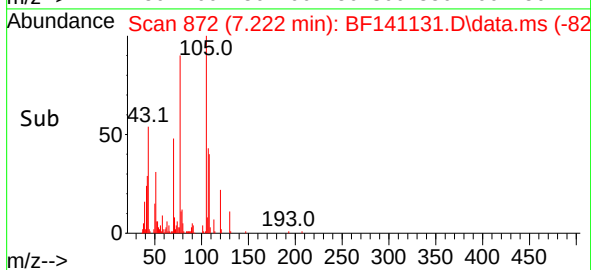
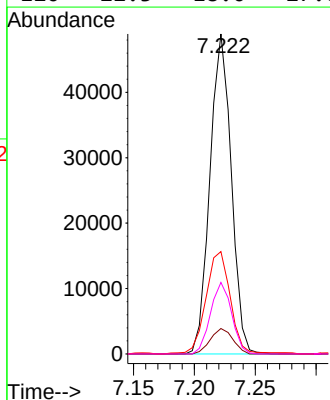
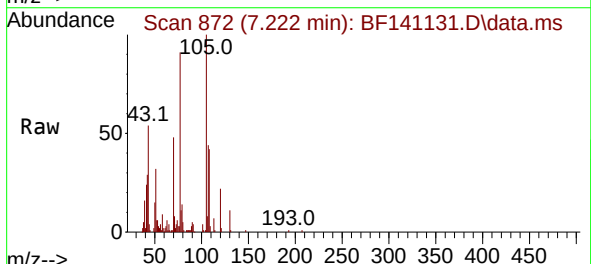
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025

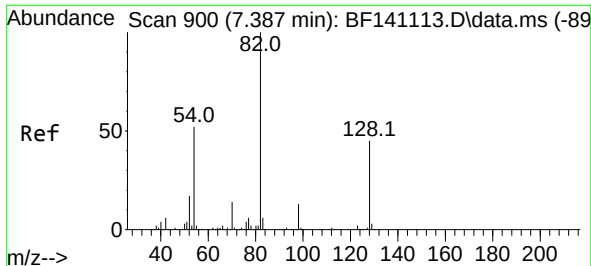


#22
Acetophenone
Concen: 4.397 ng
RT: 7.222 min Scan# 872
Delta R.T. -0.012 min
Lab File: BF141131.D
Acq: 13 Jan 2025 17:29

Tgt Ion:105 Resp: 59519

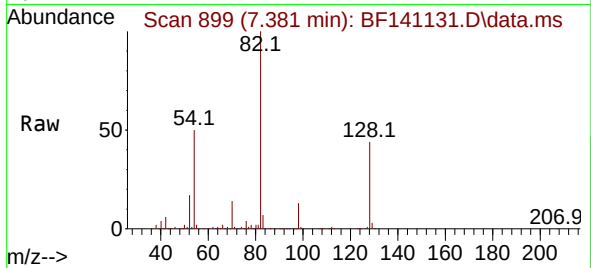
Ion	Ratio	Lower	Upper
105	100		
71	7.9	7.1	10.7
51	32.0	25.4	38.2
120	22.3	18.0	27.0





#23
Nitrobenzene-d5
Concen: 81.828 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

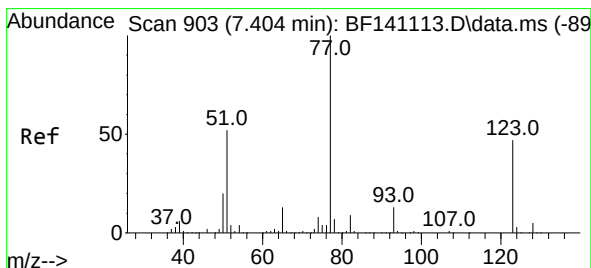
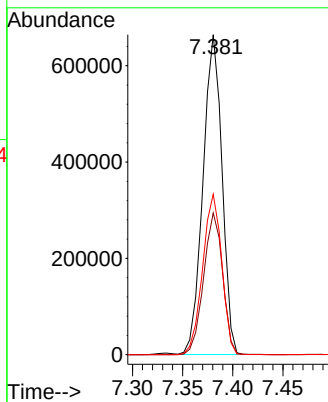
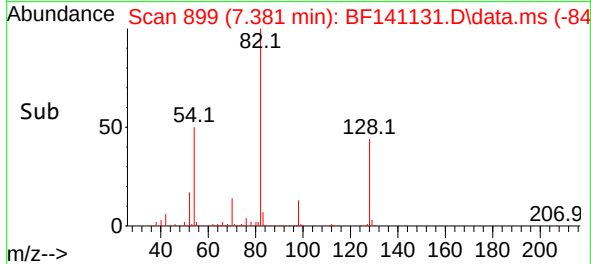
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 82 Resp: 879072
Ion Ratio Lower Upper
82 100
128 44.3 36.1 54.1
54 50.1 41.0 61.4

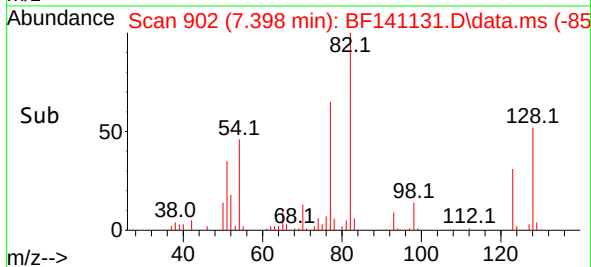
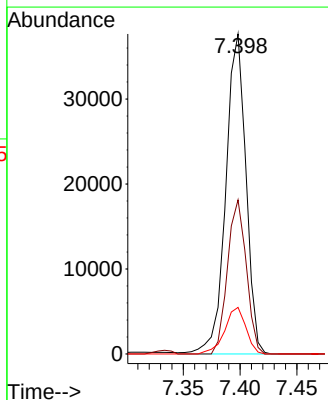
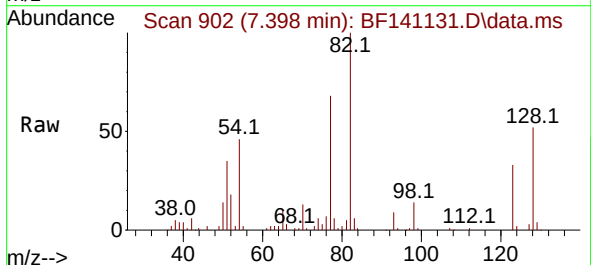
Manual Integrations
APPROVED

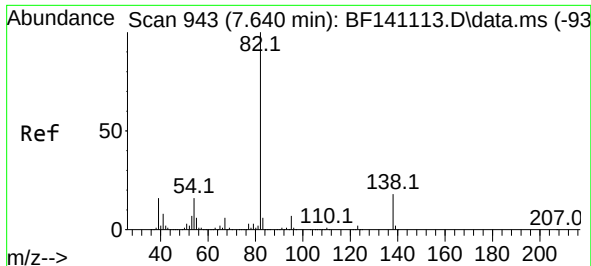
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#24
Nitrobenzene
Concen: 4.151 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

Tgt Ion: 77 Resp: 46474
Ion Ratio Lower Upper
77 100
123 48.2 37.7 56.5
65 14.5 10.6 16.0





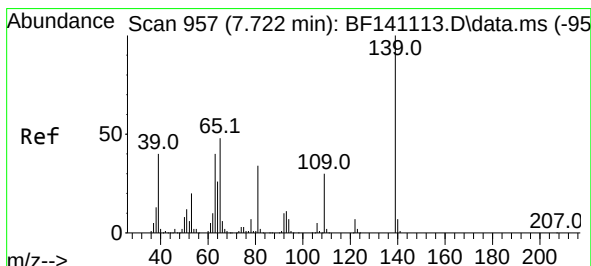
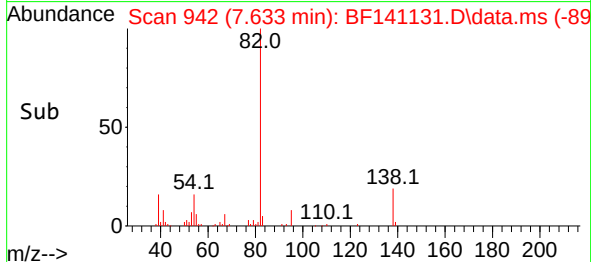
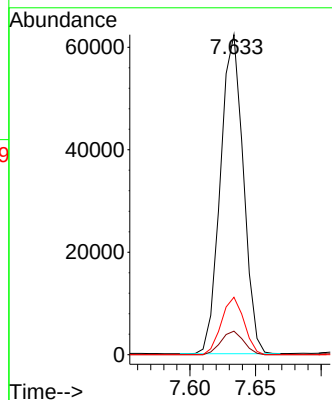
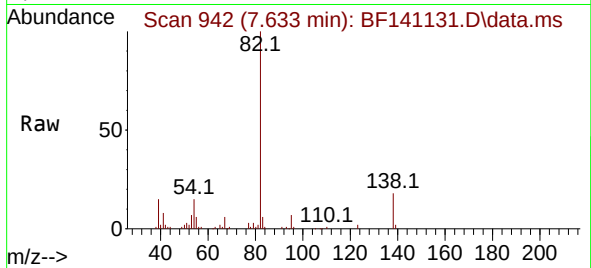
#25
Isophorone
Concen: 4.117 ng
RT: 7.633 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF1411131.D
Acq: 13 Jan 2025 17:29

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 82 Resp: 75570
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 17.9 14.2 21.2

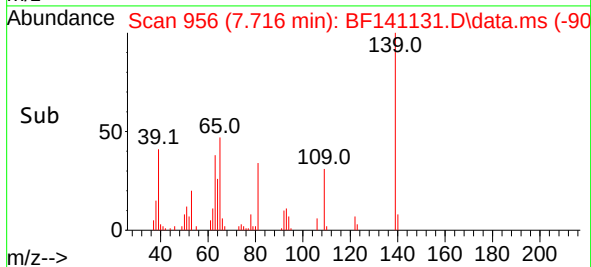
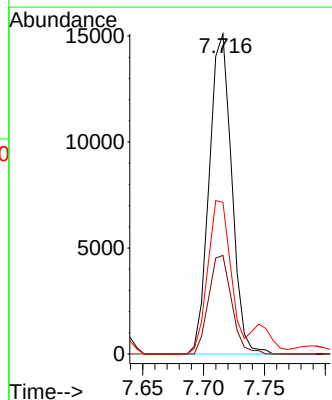
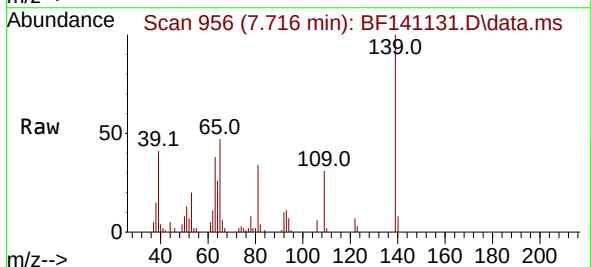
Manual Integrations
APPROVED

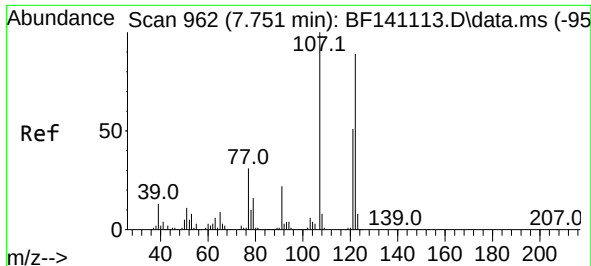
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#26
2-Nitrophenol
Concen: 3.809 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF1411131.D
Acq: 13 Jan 2025 17:29

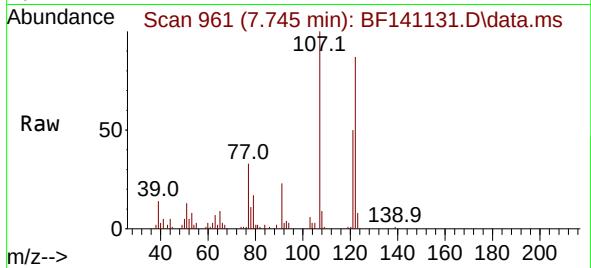
Tgt Ion:139 Resp: 19401
Ion Ratio Lower Upper
139 100
109 30.8 23.8 35.6
65 47.4 38.5 57.7





#27
2,4-Dimethylphenol
Concen: 2.737 ng
RT: 7.745 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

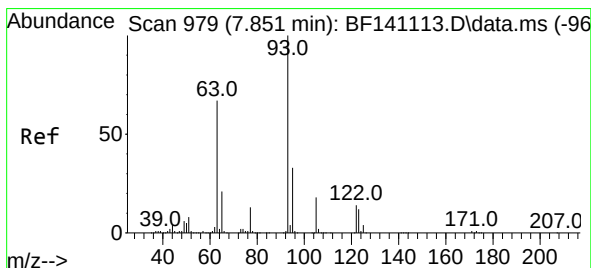
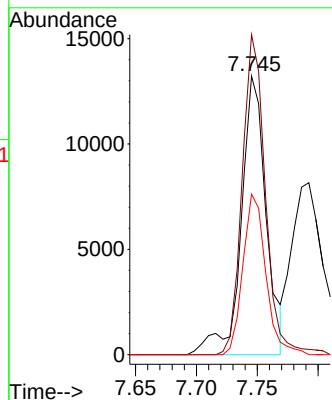
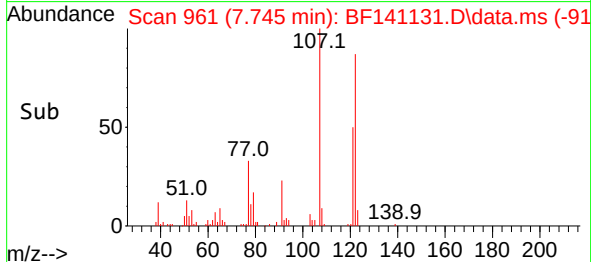
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:122 Resp: 1880
Ion Ratio Lower Upper
122 100
107 114.9 90.3 135.5
121 57.6 46.5 69.7

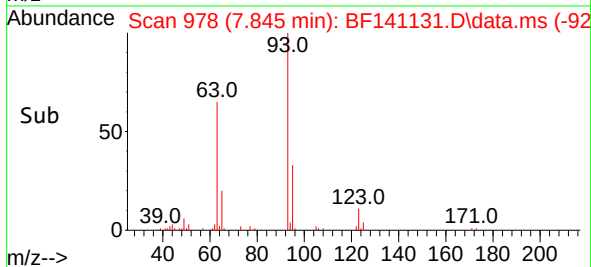
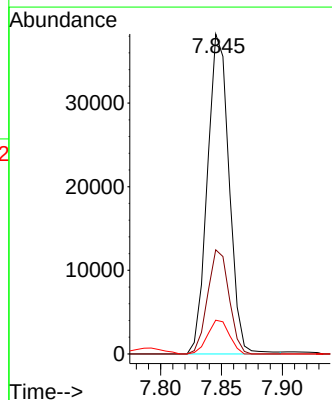
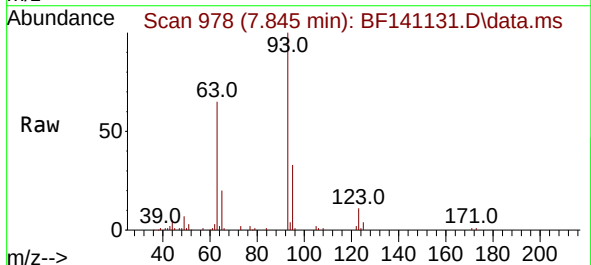
Manual Integrations
APPROVED

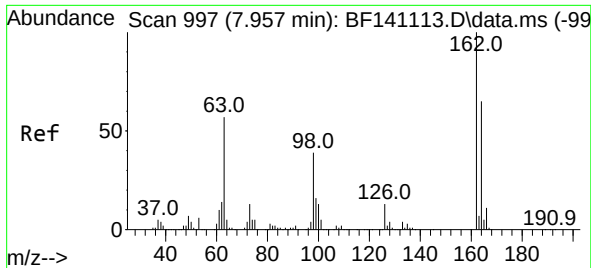
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#28
bis(2-Chloroethoxy)methane
Concen: 4.128 ng
RT: 7.845 min Scan# 978
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

Tgt Ion: 93 Resp: 47560
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 10.6 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 4.046 ng

RT: 7.951 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF141131.D

Acq: 13 Jan 2025 17:29

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

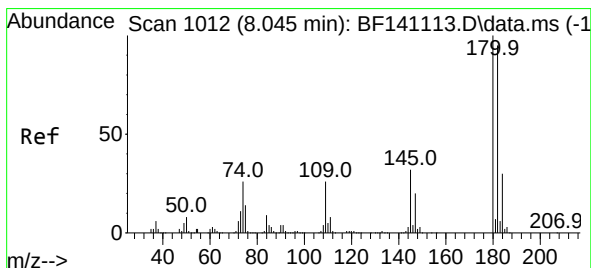
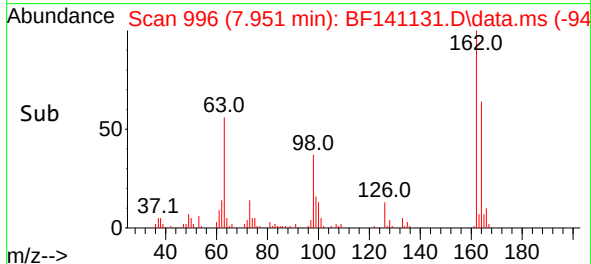
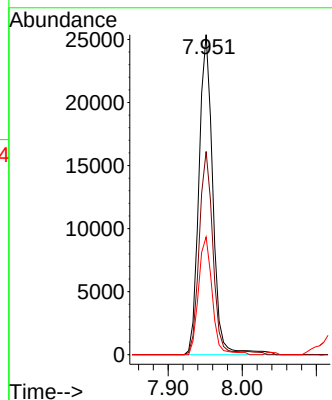
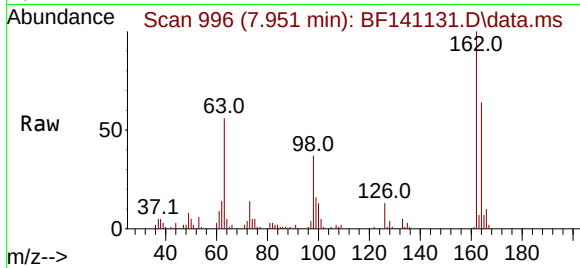
Tgt Ion:162	Resp:	3301
Ion Ratio	Lower	Upper
162	100	
164	63.5	44.5 84.5
98	36.8	18.5 58.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 4.012 ng

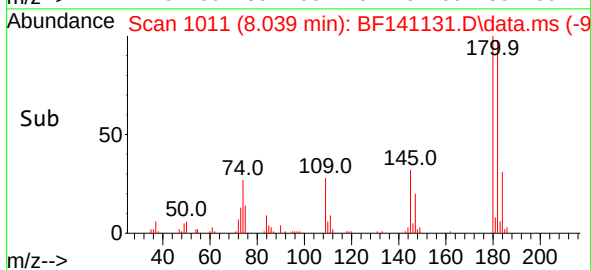
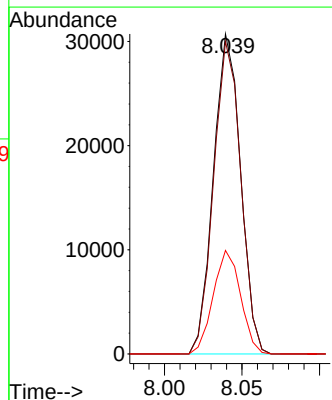
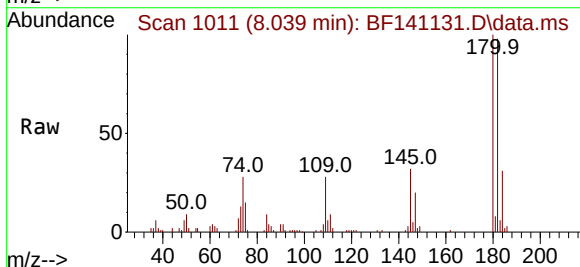
RT: 8.039 min Scan# 1011

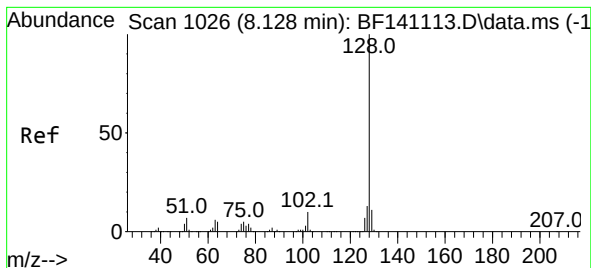
Delta R.T. -0.006 min

Lab File: BF141131.D

Acq: 13 Jan 2025 17:29

Tgt Ion:180	Resp:	37420
Ion Ratio	Lower	Upper
180	100	
182	97.7	76.2 114.2
145	32.4	25.3 37.9





#31

Naphthalene

Concen: 4.309 ng

RT: 8.122 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF141131.D

Acq: 13 Jan 2025 17:29

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

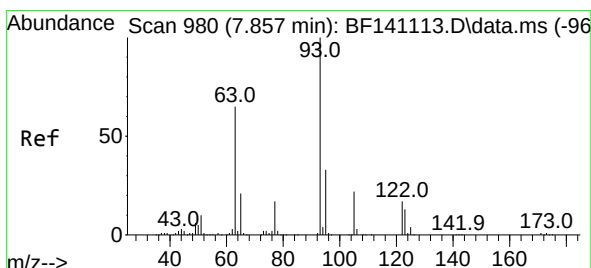
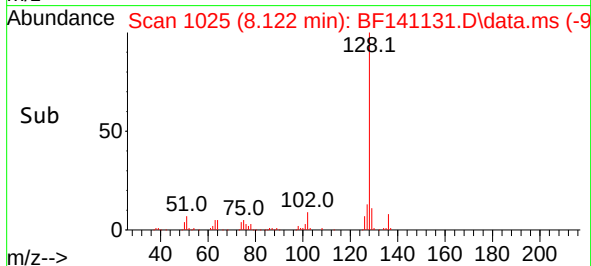
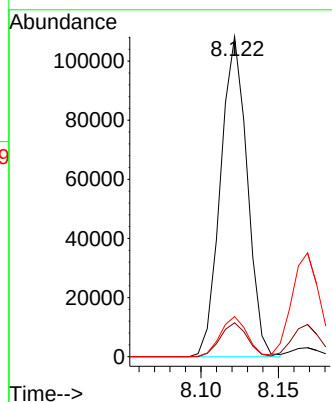
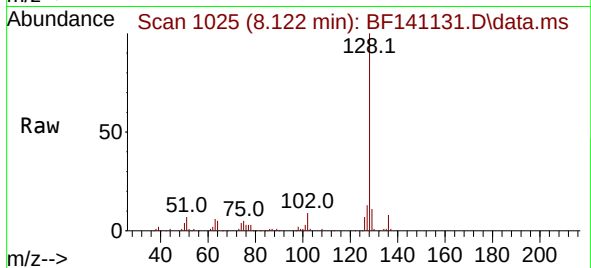
Tgt Ion:128 Resp: 129410
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.0 13.6
 127 12.6 10.8 16.2

Manual Integrations

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Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#32

Benzoic acid

Concen: 2.330 ng

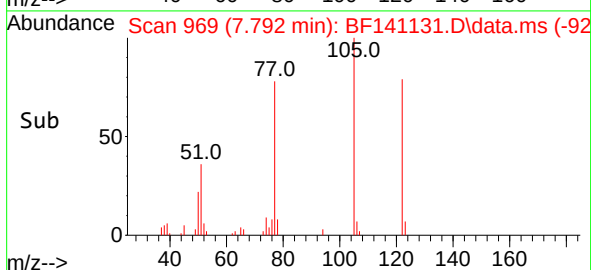
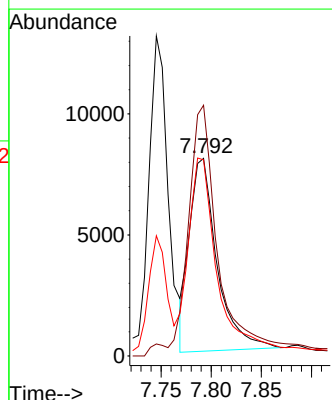
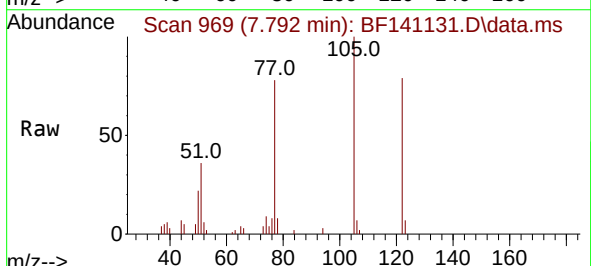
RT: 7.792 min Scan# 969

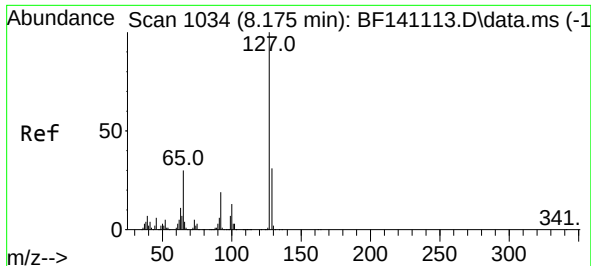
Delta R.T. -0.065 min

Lab File: BF141131.D

Acq: 13 Jan 2025 17:29

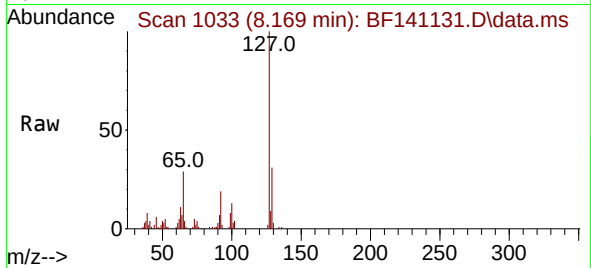
Tgt Ion:122 Resp: 15355
 Ion Ratio Lower Upper
 122 100
 105 126.9 105.5 145.5
 77 99.3 75.1 115.1





#33
4-Chloroaniline
Concen: 4.441 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

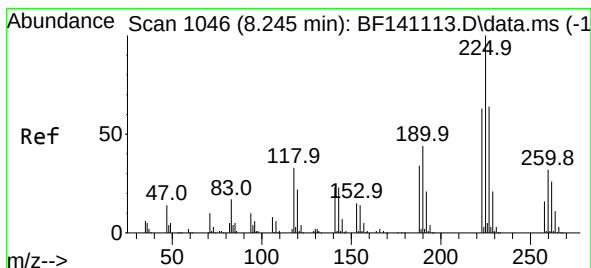
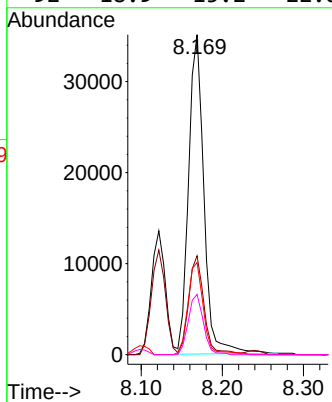
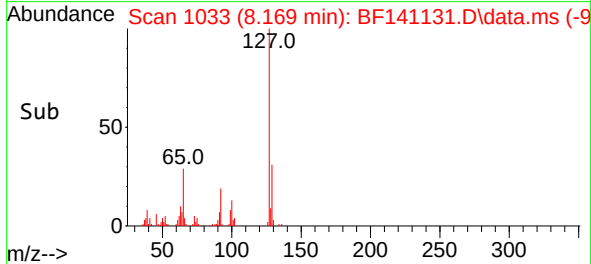
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion:127 Resp: 46129
Ion Ratio Lower Upper
127 100
129 30.9 25.9 38.9
65 28.8 23.8 35.8
92 18.9 15.2 22.8

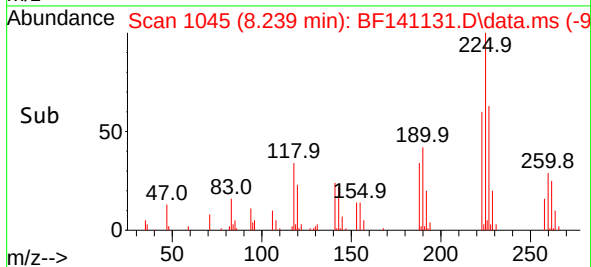
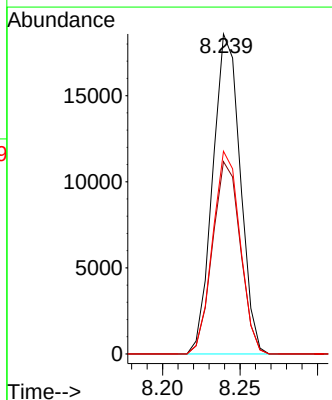
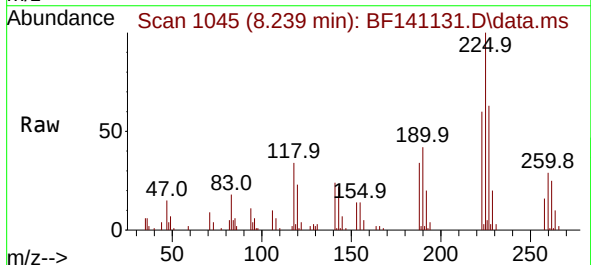
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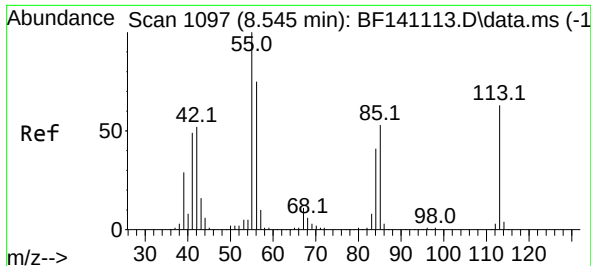
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#34
Hexachlorobutadiene
Concen: 4.078 ng
RT: 8.239 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

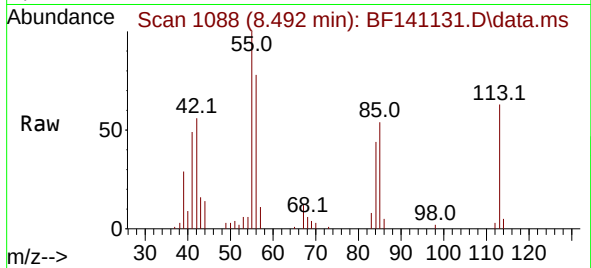
Tgt Ion:225 Resp: 22918
Ion Ratio Lower Upper
225 100
223 60.1 50.6 76.0
227 63.3 51.6 77.4





#35
Caprolactam
Concen: 3.886 ng
RT: 8.492 min Scan# 1097
Delta R.T. -0.053 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

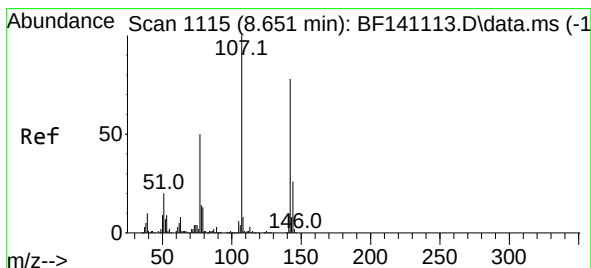
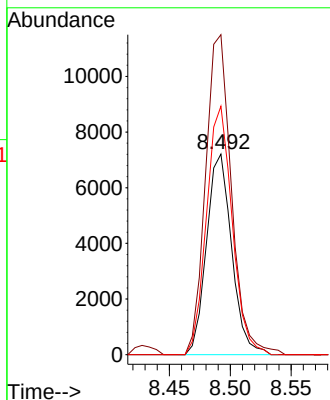
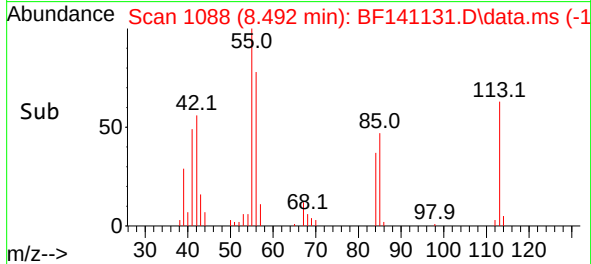
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:113 Resp: 10380
Ion Ratio Lower Upper
113 100
55 159.5 139.7 179.7
56 123.8 99.4 139.4

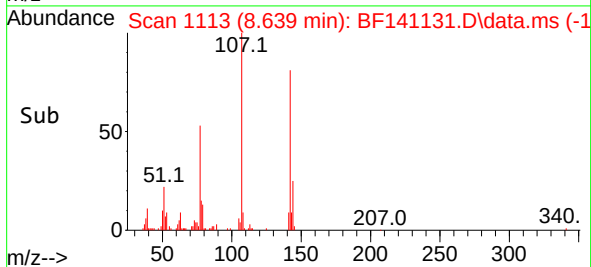
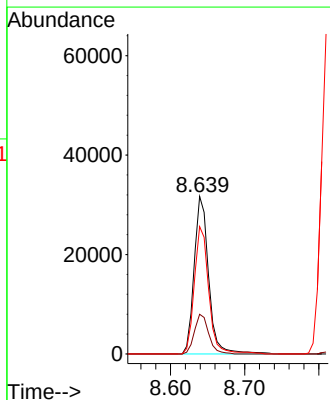
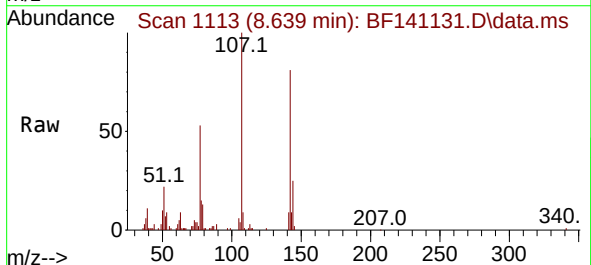
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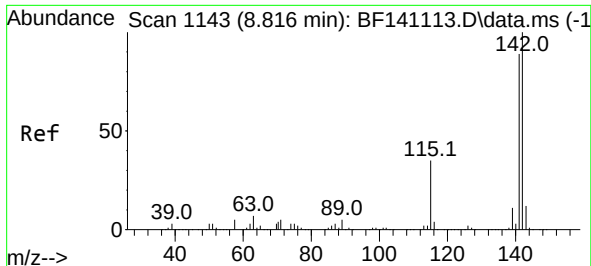
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#36
4-Chloro-3-methylphenol
Concen: 4.822 ng
RT: 8.639 min Scan# 1113
Delta R.T. -0.012 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

Tgt Ion:107 Resp: 43023
Ion Ratio Lower Upper
107 100
144 25.2 20.4 30.6
142 80.9 62.2 93.2





#37

2-Methylnaphthalene

Concen: 4.300 ng

RT: 8.810 min Scan# 1142

Delta R.T. -0.006 min

Lab File: BF141131.D

Acq: 13 Jan 2025 17:29

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion:142 Resp: 82289

Ion Ratio Lower Upper

142 100

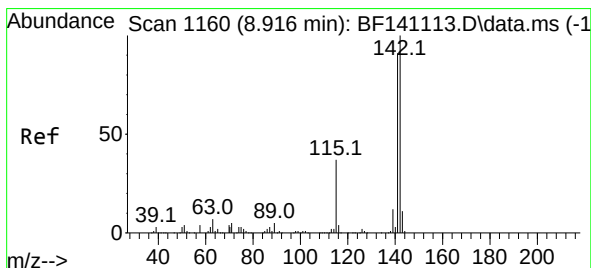
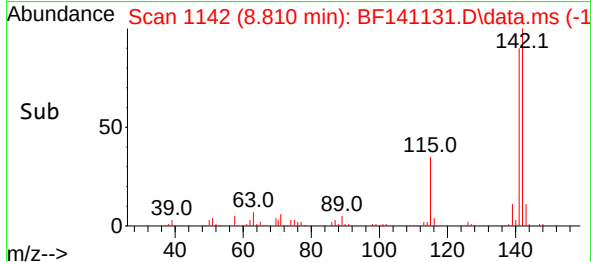
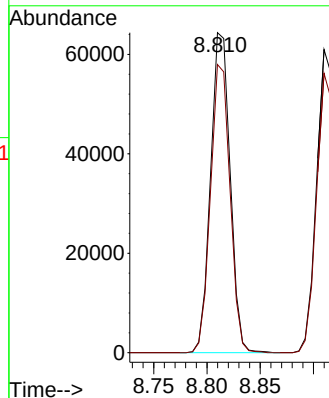
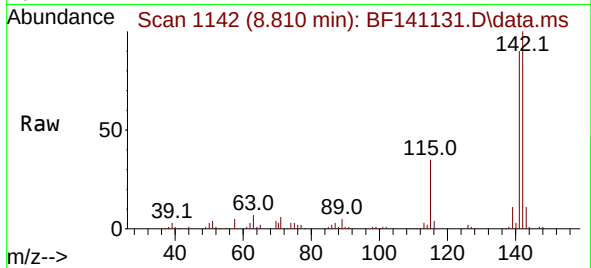
141 90.0 71.3 106.9

Manual Integrations

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Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#38

1-Methylnaphthalene

Concen: 4.044 ng

RT: 8.910 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BF141131.D

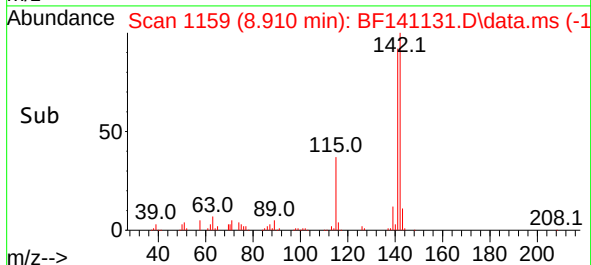
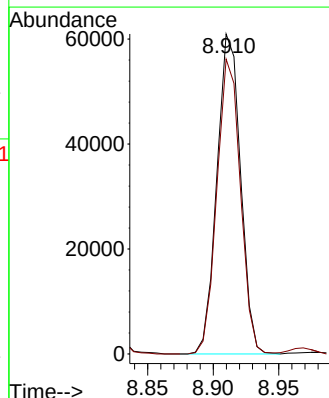
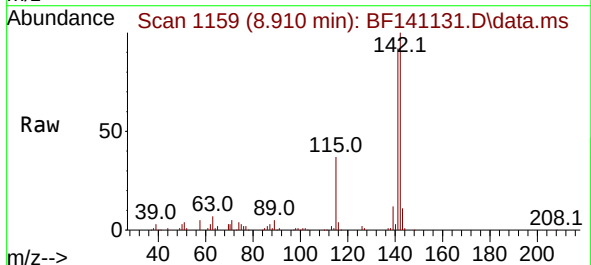
Acq: 13 Jan 2025 17:29

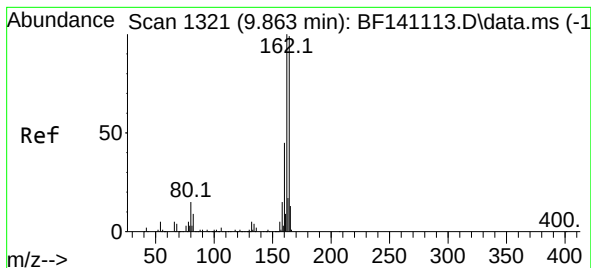
Tgt Ion:142 Resp: 76273

Ion Ratio Lower Upper

142 100

141 92.1 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141131.D

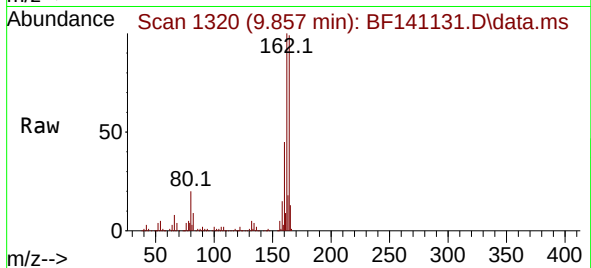
Acq: 13 Jan 2025 17:29

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



Tgt Ion:164 Resp: 31036

Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.4

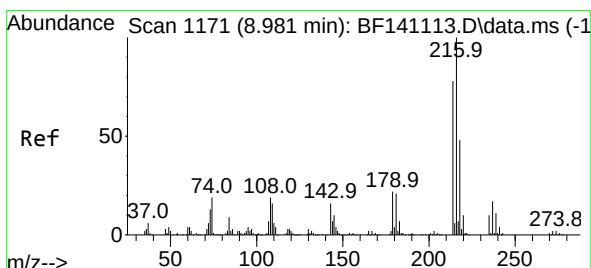
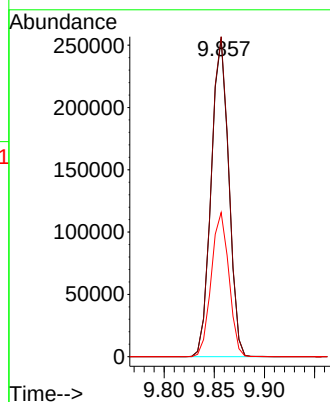
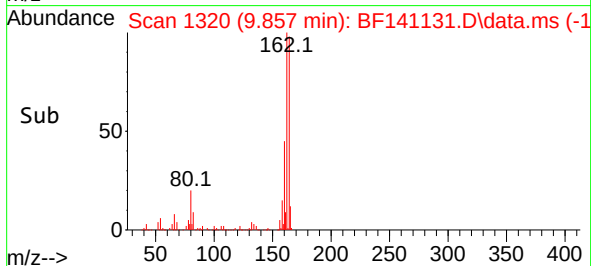
160 45.4 36.1 54.1

Manual Integrations

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Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.371 ng

RT: 8.980 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF141131.D

Acq: 13 Jan 2025 17:29

Tgt Ion:216 Resp: 38939

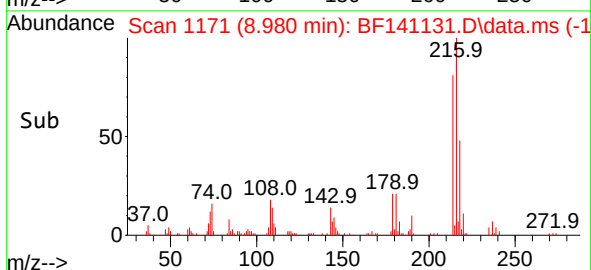
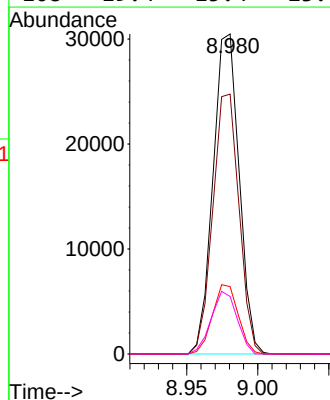
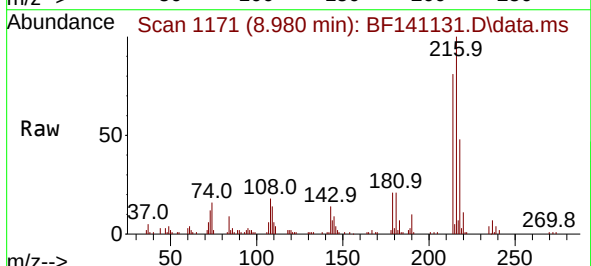
Ion Ratio Lower Upper

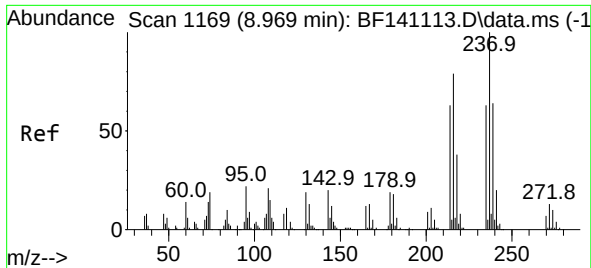
216 100

214 81.4 62.6 94.0

179 21.4 17.7 26.5

108 19.4 15.4 23.0





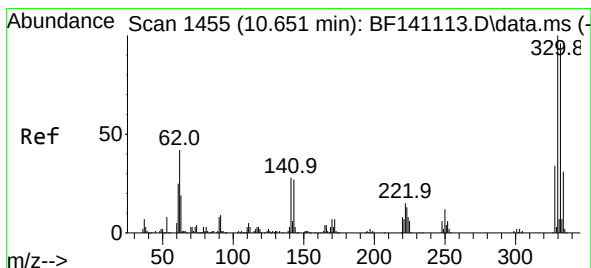
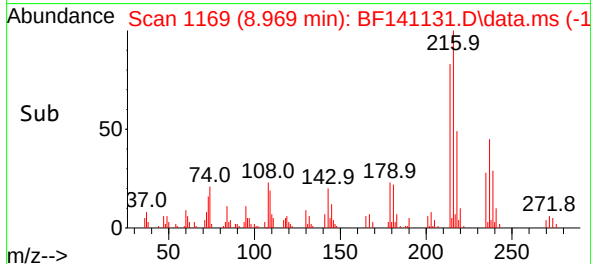
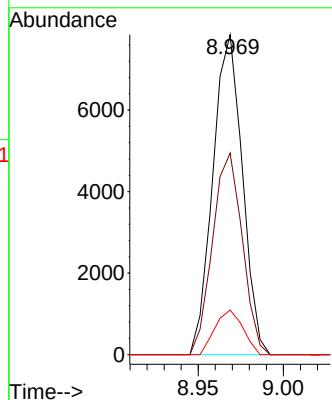
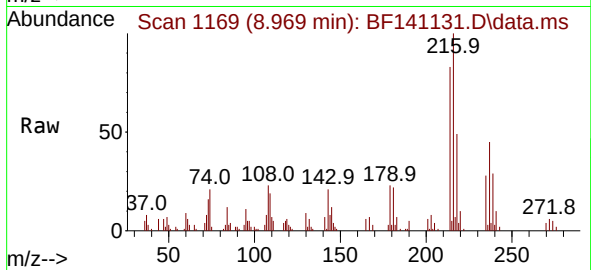
#41
Hexachlorocyclopentadiene
Concen: 3.247 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF141131.D
Acq: 13 Jan 2025 17:29

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

Tgt Ion:237 Resp: 9462
Ion Ratio Lower Upper
237 100
235 63.0 43.0 83.0
272 13.9 0.0 33.0

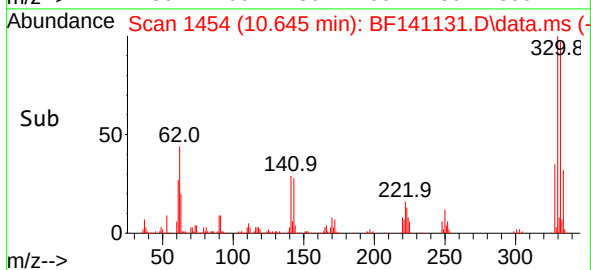
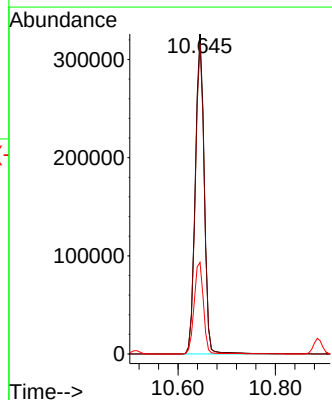
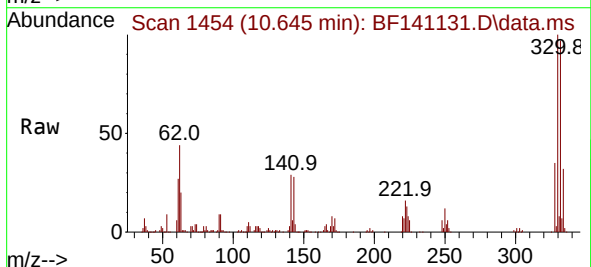
Manual Integrations
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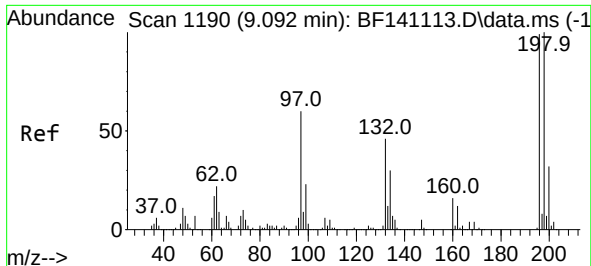
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#42
2,4,6-Tribromophenol
Concen: 117.702 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141131.D
Acq: 13 Jan 2025 17:29

Tgt Ion:330 Resp: 416248
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 30.0 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 3.946 ng

RT: 9.086 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF141131.D

Acq: 13 Jan 2025 17:29

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

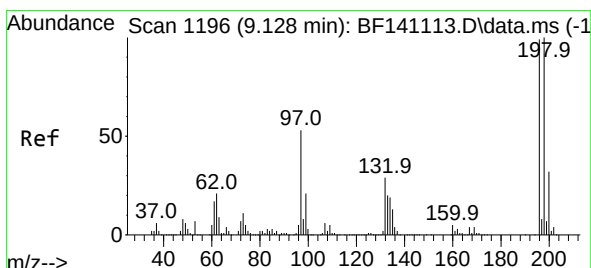
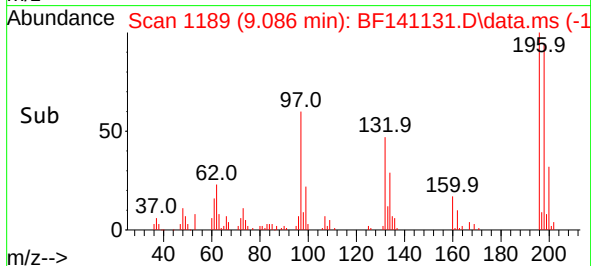
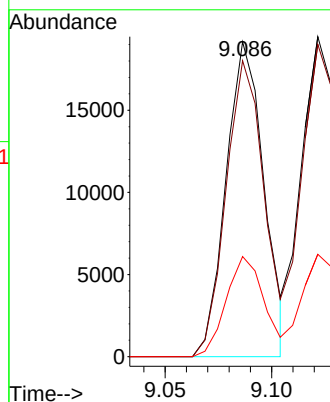
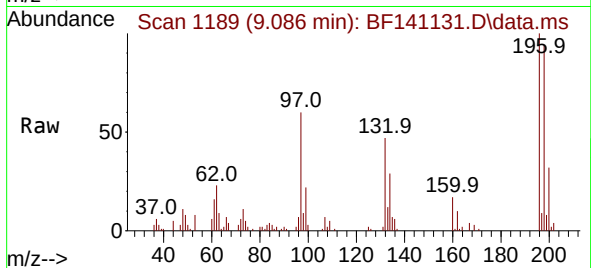
Tgt Ion:196	Resp:	2370
Ion Ratio	Lower	Upper
196	100	
198	94.0	80.8 121.2
200	31.8	25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#44

2,4,5-Trichlorophenol

Concen: 4.099 ng

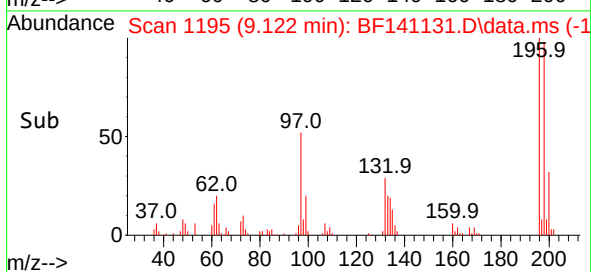
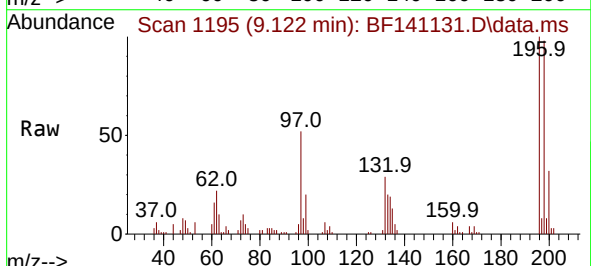
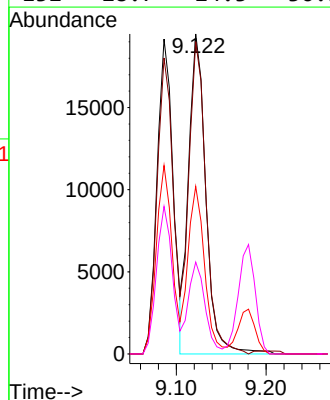
RT: 9.122 min Scan# 1195

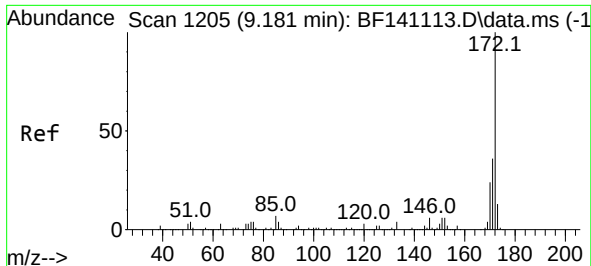
Delta R.T. -0.006 min

Lab File: BF141131.D

Acq: 13 Jan 2025 17:29

Tgt Ion:196	Resp:	26006
Ion Ratio	Lower	Upper
196	100	
198	97.6	80.6 120.8
97	52.3	43.1 64.7
132	28.7	24.3 36.5





#45

2-Fluorobiphenyl

Concen: 79.071 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF141131.D

Acq: 13 Jan 2025 17:29

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion:172 Resp: 1607109

Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

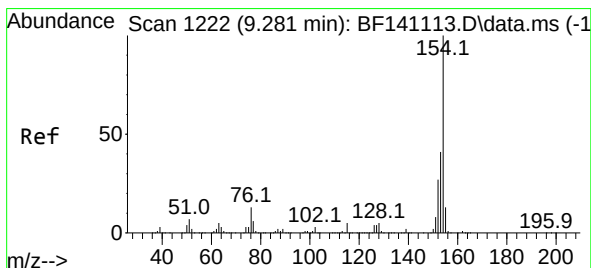
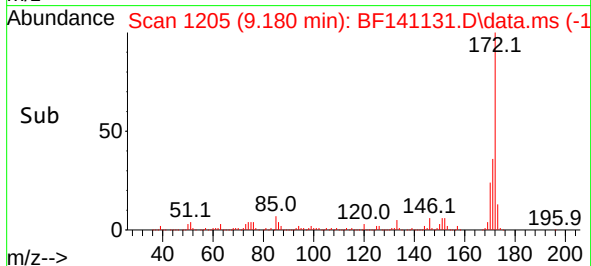
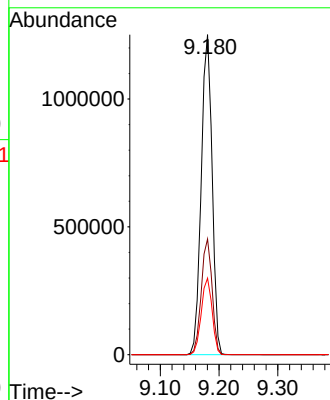
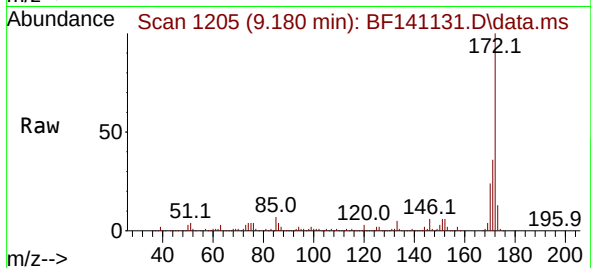
170 23.9 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#46

1,1'-Biphenyl

Concen: 4.551 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF141131.D

Acq: 13 Jan 2025 17:29

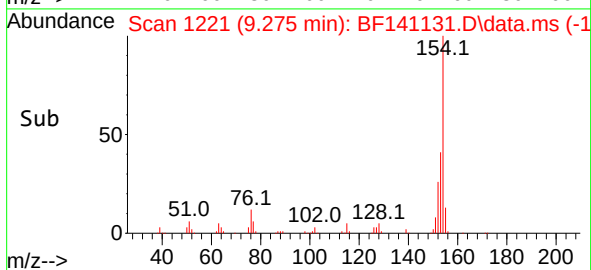
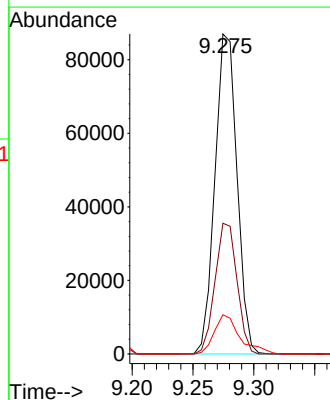
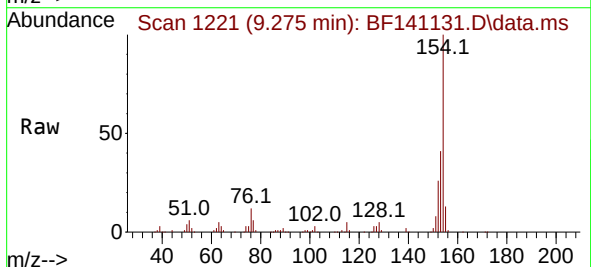
Tgt Ion:154 Resp: 109685

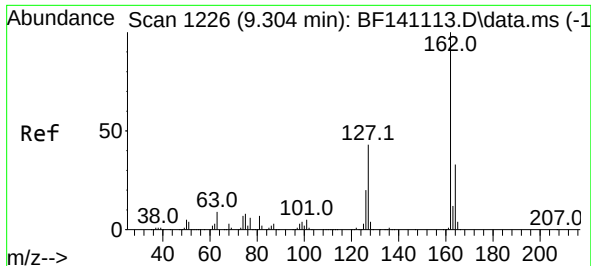
Ion Ratio Lower Upper

154 100

153 40.8 20.7 60.7

76 12.2 0.0 33.1





#47

2-Chloronaphthalene

Concen: 4.114 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF141113.D

Acq: 13 Jan 2025 17:29

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion:162 Resp: 77240

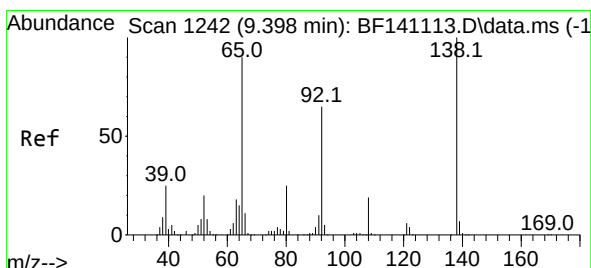
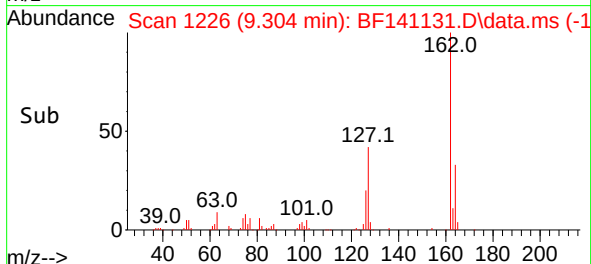
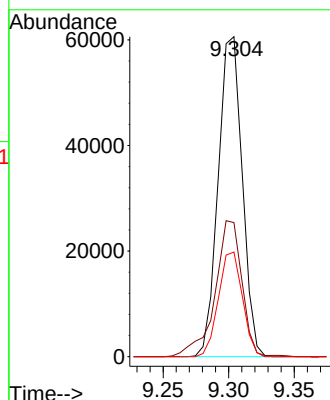
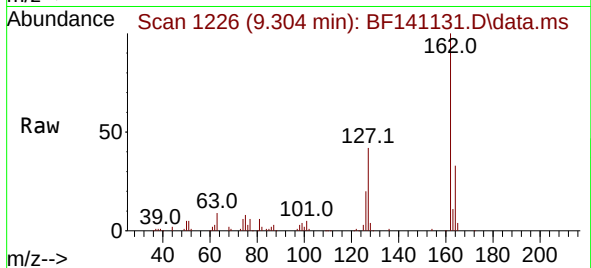
Ion	Ratio	Lower	Upper
162	100		
127	41.9	34.6	51.8
164	32.7	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#48

2-Nitroaniline

Concen: 3.905 ng

RT: 9.392 min Scan# 1241

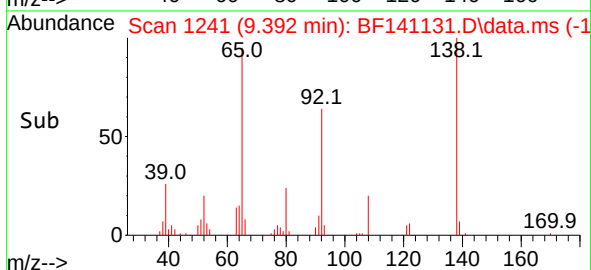
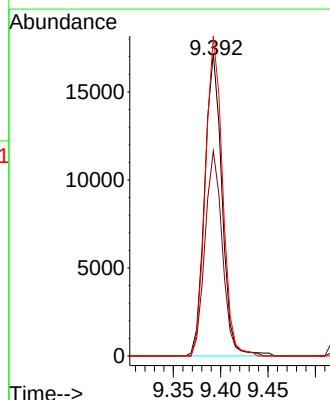
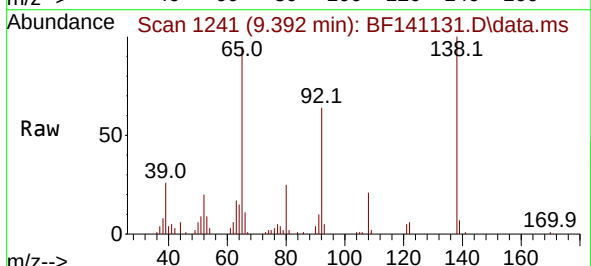
Delta R.T. -0.006 min

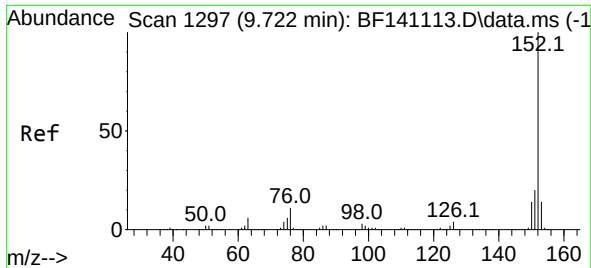
Lab File: BF141113.D

Acq: 13 Jan 2025 17:29

Tgt Ion: 65 Resp: 21734

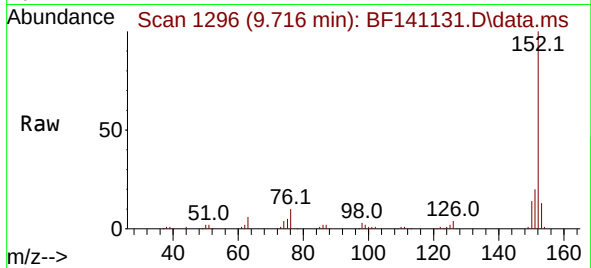
Ion	Ratio	Lower	Upper
65	100		
92	67.6	58.3	87.5
138	105.6	89.1	133.7





#49
Acenaphthylene
Concen: 4.525 ng
RT: 9.716 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

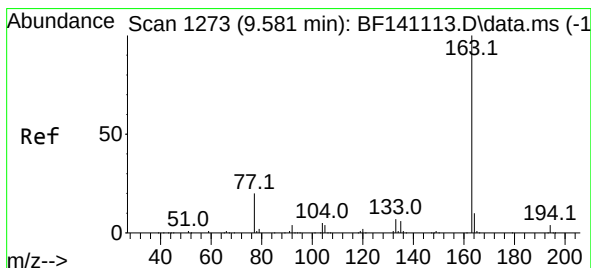
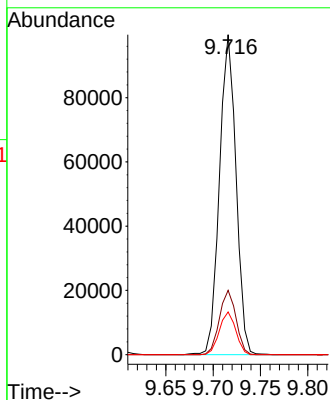
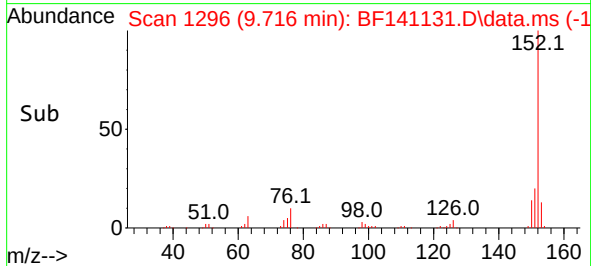
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



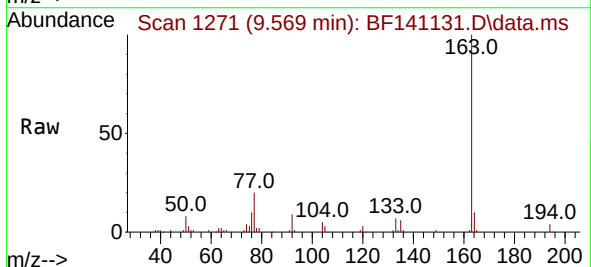
Tgt Ion:152 Resp: 12136
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.3 11.1 16.7

Manual Integrations
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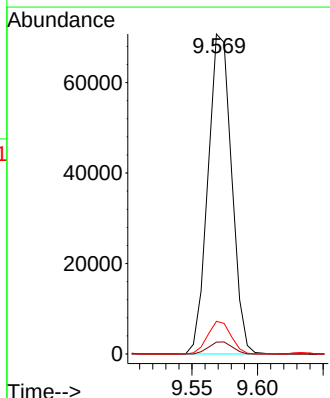
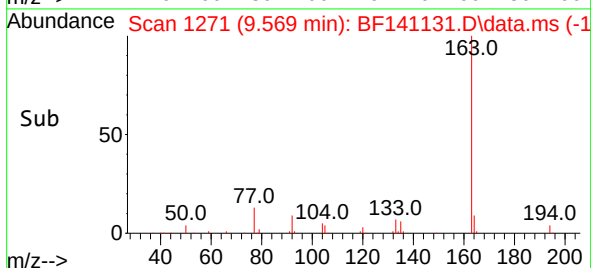
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025

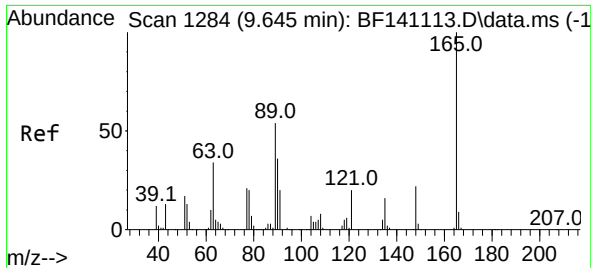


#50
Dimethylphthalate
Concen: 4.258 ng
RT: 9.569 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29



Tgt Ion:163 Resp: 88717
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.2 8.2 12.4





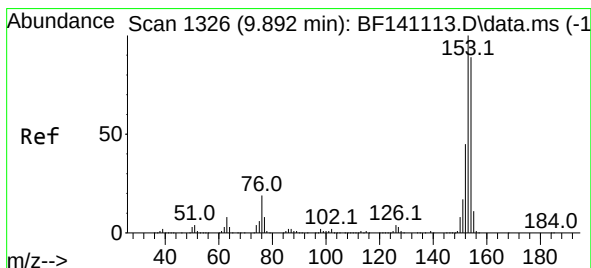
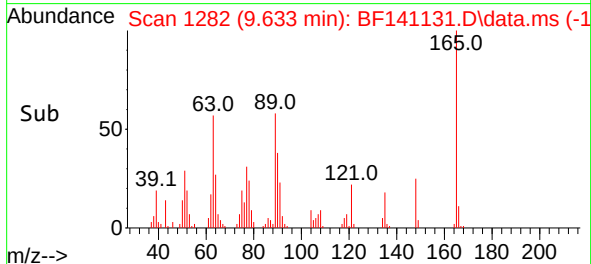
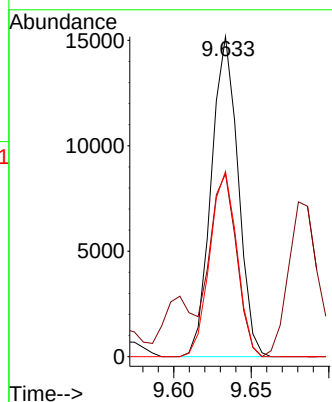
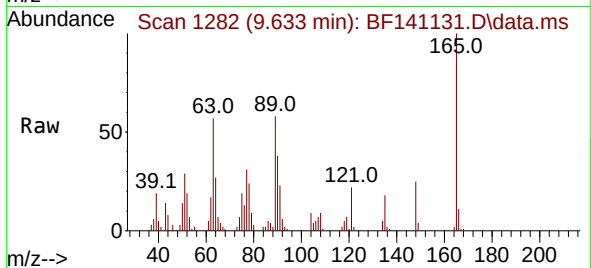
#51
2,6-Dinitrotoluene
Concen: 3.766 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:165 Resp: 1824
Ion Ratio Lower Upper
165 100
63 57.1 42.3 63.5
89 57.9 43.1 64.7

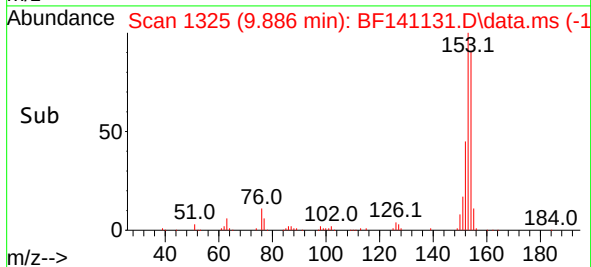
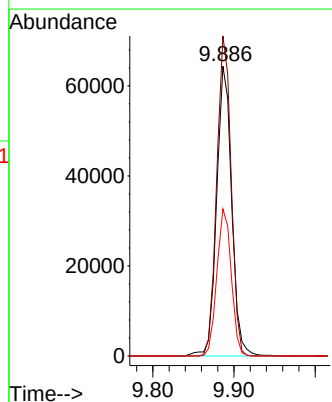
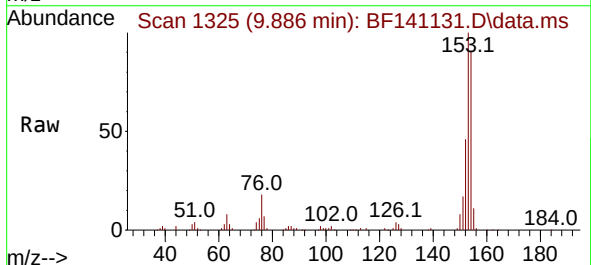
Manual Integrations
APPROVED

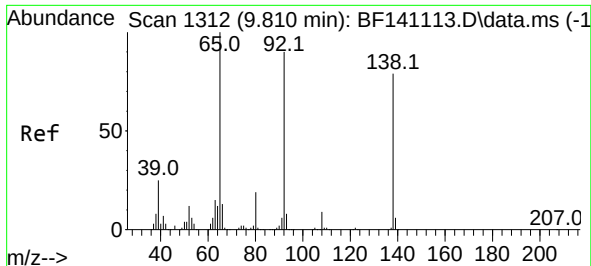
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#52
Acenaphthene
Concen: 4.424 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

Tgt Ion:154 Resp: 82905
Ion Ratio Lower Upper
154 100
153 110.4 89.8 134.6
152 50.8 40.8 61.2





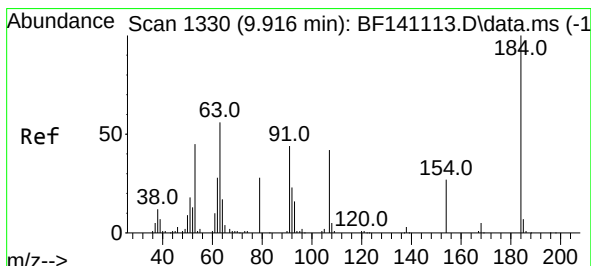
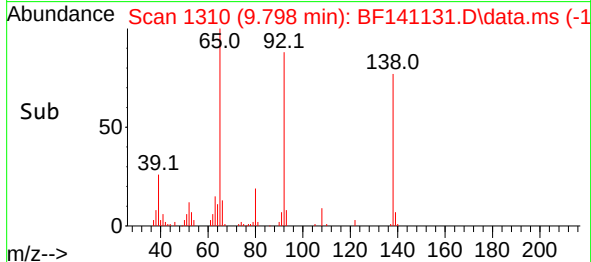
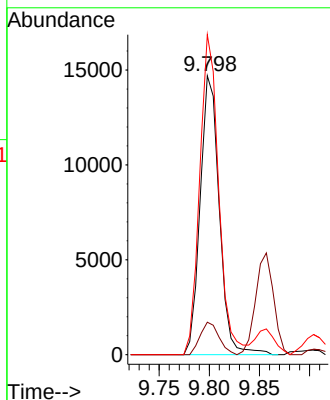
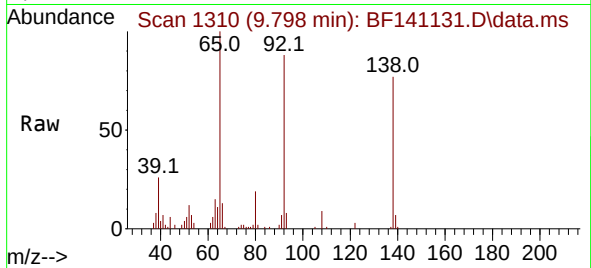
#53
3-Nitroaniline
Concen: 3.968 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141131.D
Acq: 13 Jan 2025 17:29

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:138 Resp: 19530
Ion Ratio Lower Upper
138 100
108 11.7 8.8 13.2
92 114.7 91.3 136.9

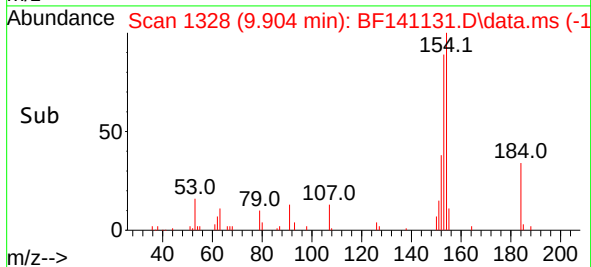
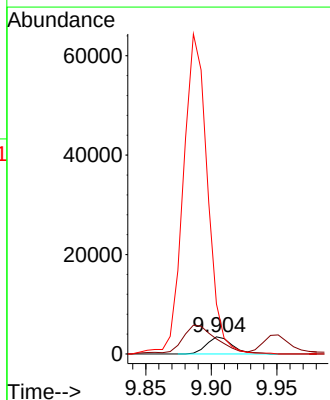
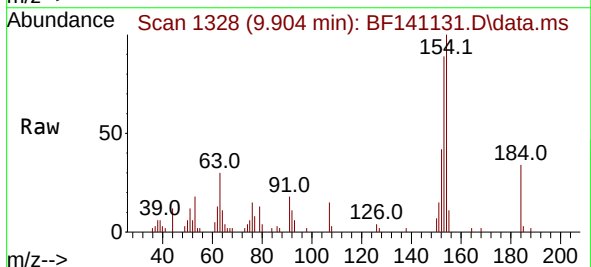
Manual Integrations
APPROVED

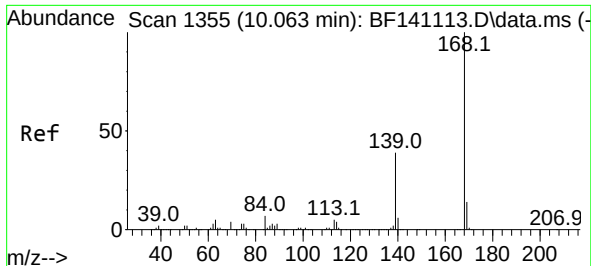
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#54
2,4-Dinitrophenol
Concen: 2.052 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF141131.D
Acq: 13 Jan 2025 17:29

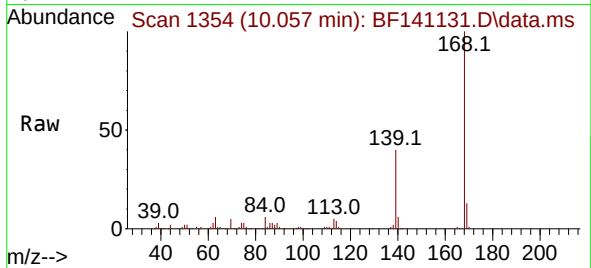
Tgt Ion:184 Resp: 4727
Ion Ratio Lower Upper
184 100
63 88.0 48.7 73.1#
154 292.1 57.1 85.7#





#55
Dibenzenofuran
Concen: 4.327 ng
RT: 10.057 min Scan# 11028
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

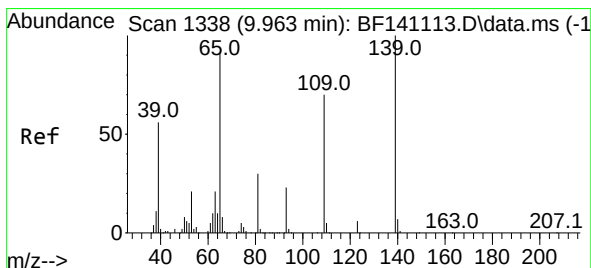
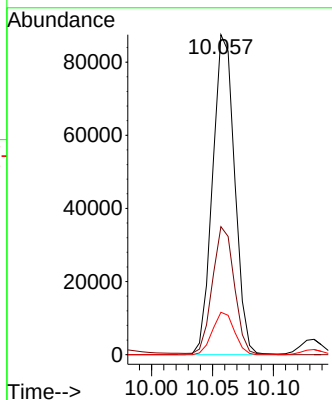
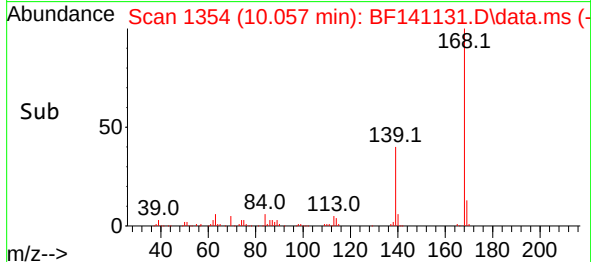
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion:168 Resp: 11028
Ion Ratio Lower Upper
168 100
139 40.0 31.4 47.0
169 13.3 10.9 16.3

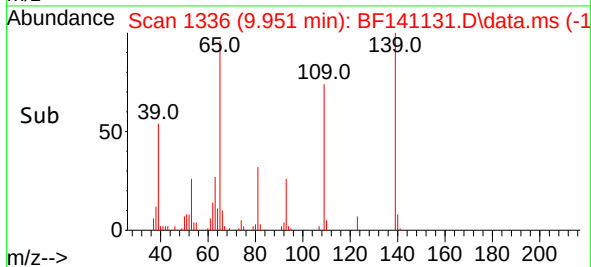
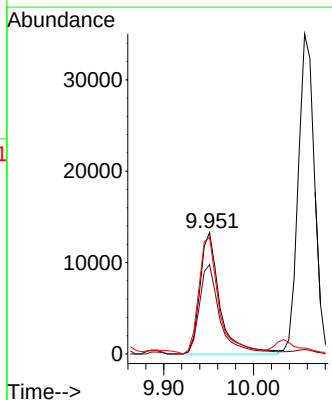
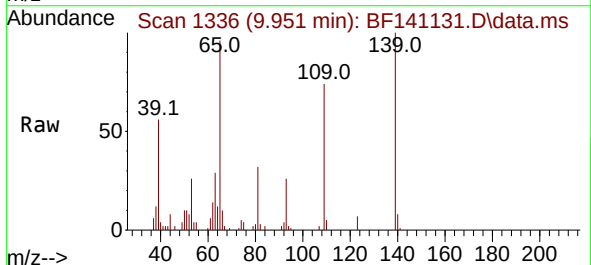
Manual Integrations
APPROVED

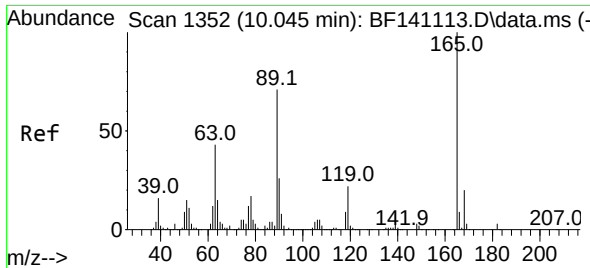
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#56
4-Nitrophenol
Concen: 5.330 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

Tgt Ion:139 Resp: 20554
Ion Ratio Lower Upper
139 100
109 73.6 50.2 90.2
65 96.0 72.1 112.1





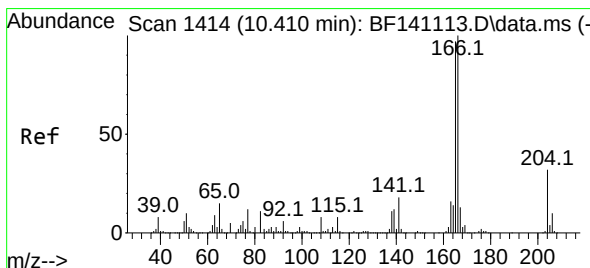
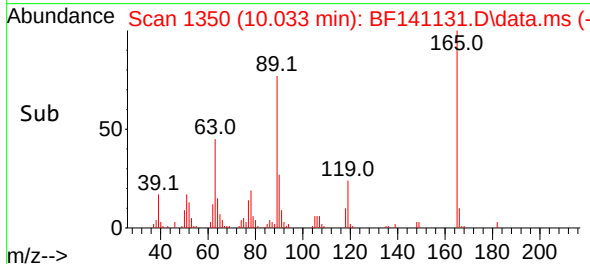
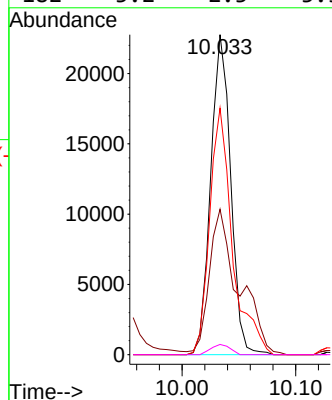
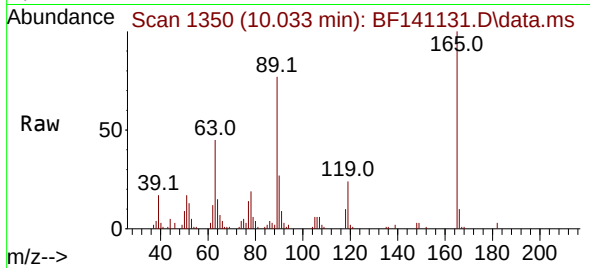
#57
2,4-Dinitrotoluene
Concen: 4.452 ng
RT: 10.033 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF141131.D
Acq: 13 Jan 2025 17:29

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:165 Resp: 27800
Ion Ratio Lower Upper
165 100
63 45.5 35.0 52.4
89 77.1 56.7 85.1
182 3.2 2.3 3.5

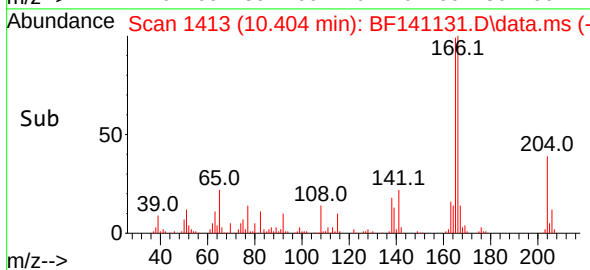
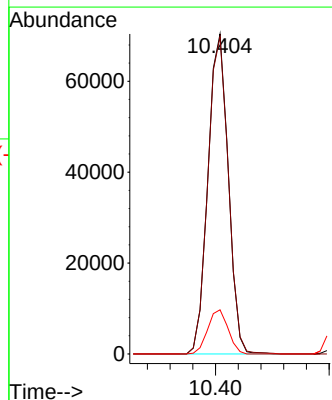
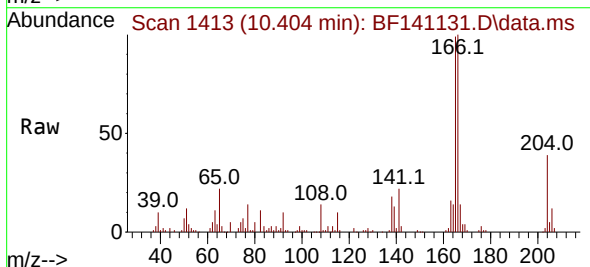
Manual Integrations
APPROVED

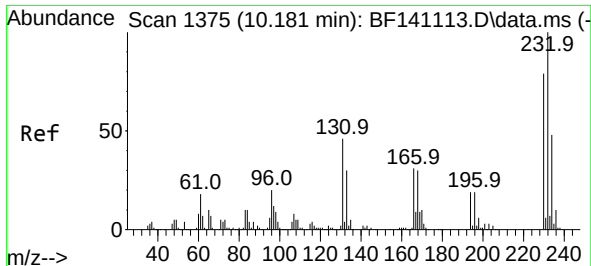
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#58
Fluorene
Concen: 4.411 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141131.D
Acq: 13 Jan 2025 17:29

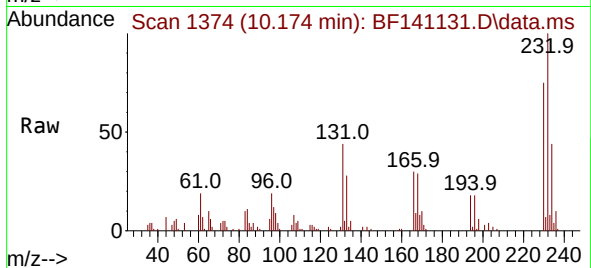
Tgt Ion:166 Resp: 87351
Ion Ratio Lower Upper
166 100
165 99.1 77.8 116.8
167 13.8 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.314 ng m
RT: 10.174 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

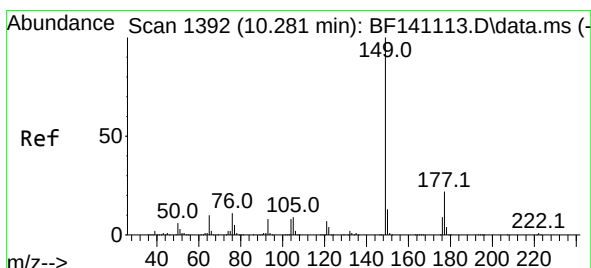
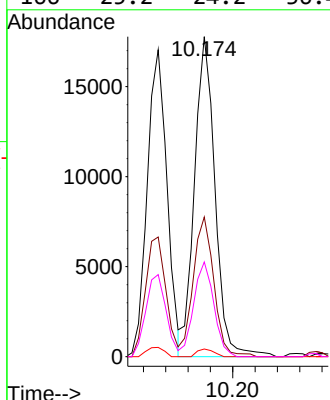
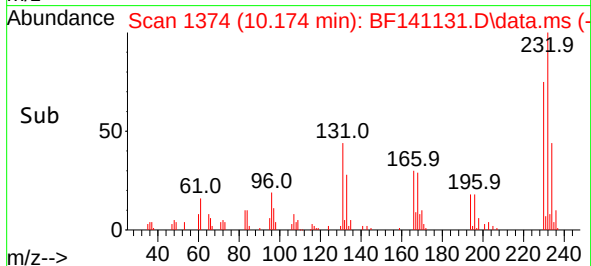
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:232 Resp: 2275
Ion Ratio Lower Upper
232 100
131 37.0 36.2 54.4
130 2.5 2.0 3.0
166 25.2 24.2 36.4

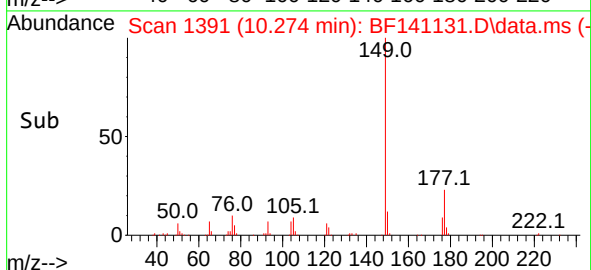
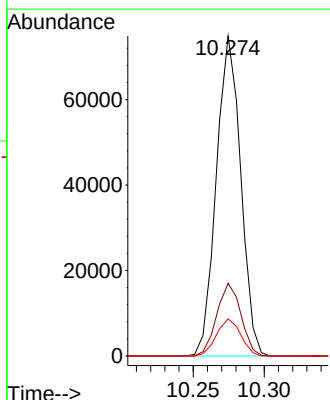
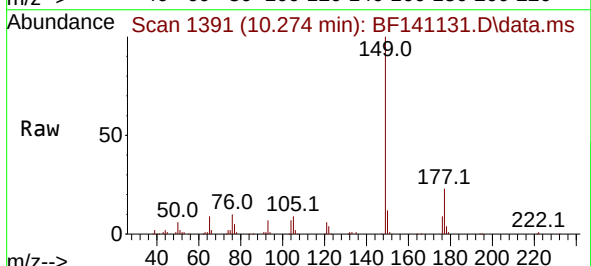
Manual Integrations
APPROVED

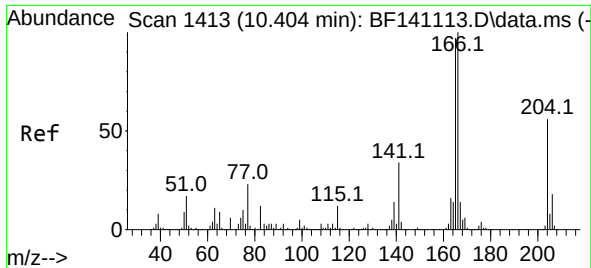
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#60
Diethylphthalate
Concen: 4.392 ng
RT: 10.274 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

Tgt Ion:149 Resp: 89336
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 11.6 10.2 15.2





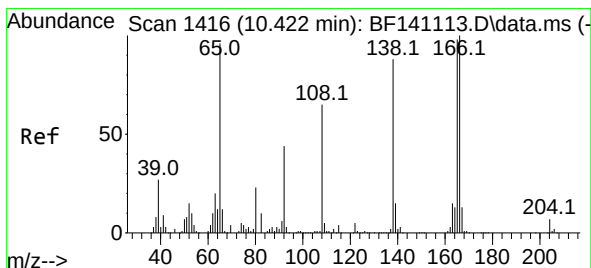
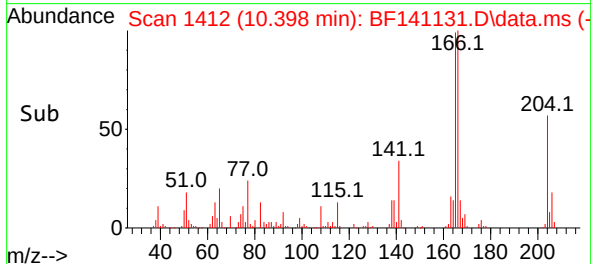
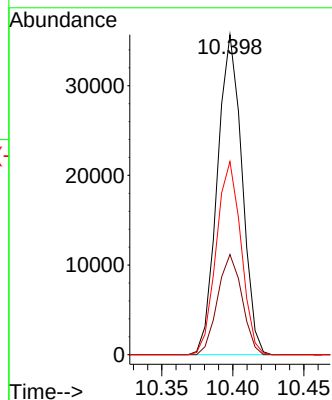
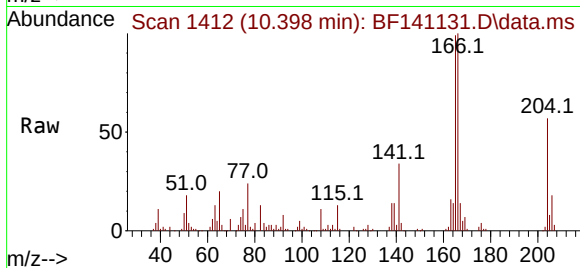
#61
4-Chlorophenyl-phenylether
Concen: 4.460 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:204 Resp: 43044
Ion Ratio Lower Upper
204 100
206 31.3 25.9 38.9
141 60.4 49.1 73.7

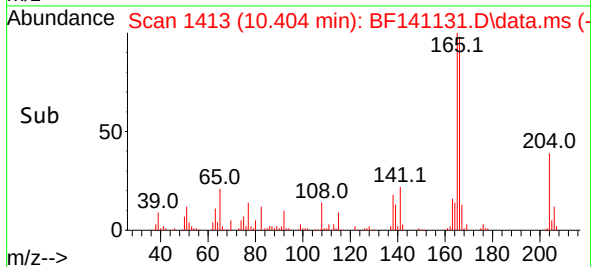
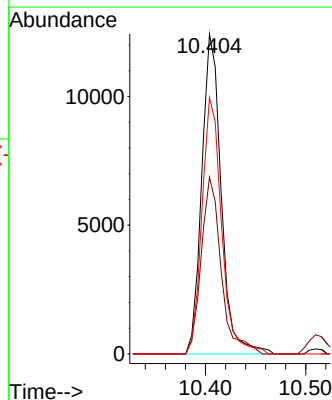
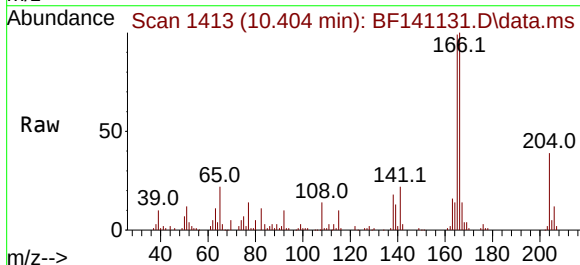
Manual Integrations
APPROVED

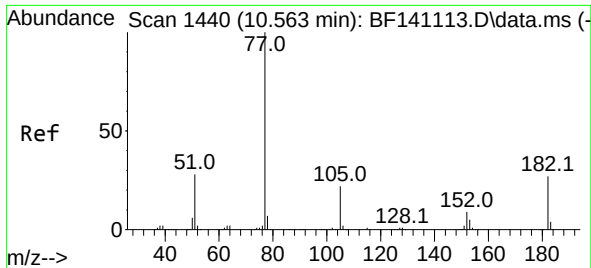
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#62
4-Nitroaniline
Concen: 3.484 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

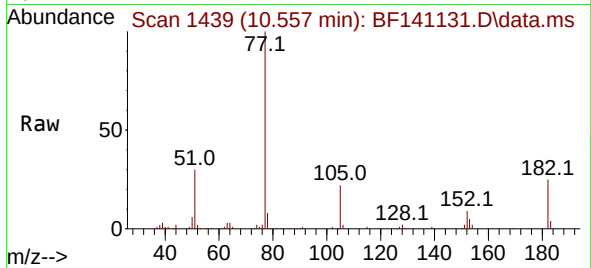
Tgt Ion:138 Resp: 16792
Ion Ratio Lower Upper
138 100
92 55.2 29.4 69.4
108 80.1 53.7 93.7





#63
Azobenzene
Concen: 4.174 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

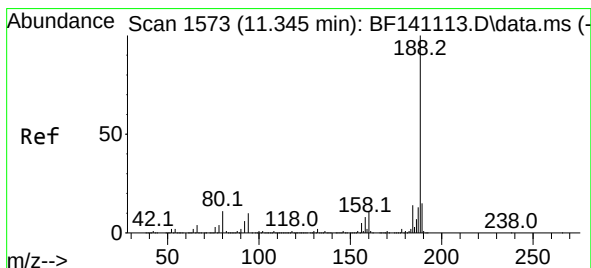
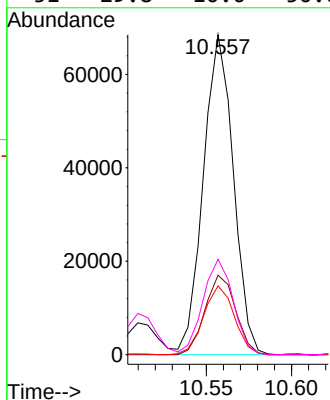
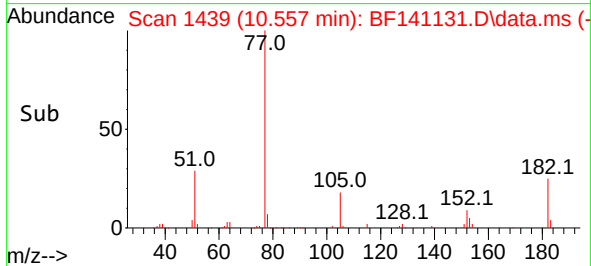
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 77 Resp: 8378
Ion Ratio Lower Upper
77 100
182 24.9 6.1 46.1
105 21.5 2.1 42.1
51 29.8 10.0 50.0

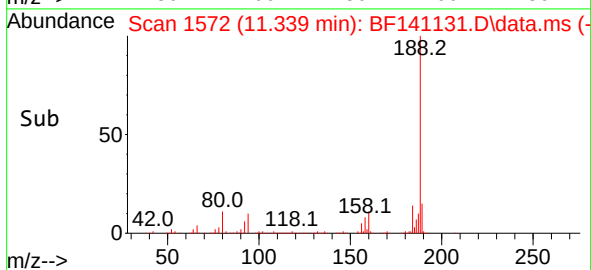
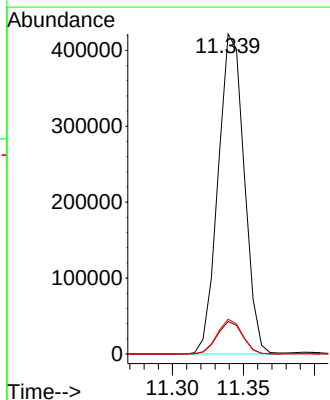
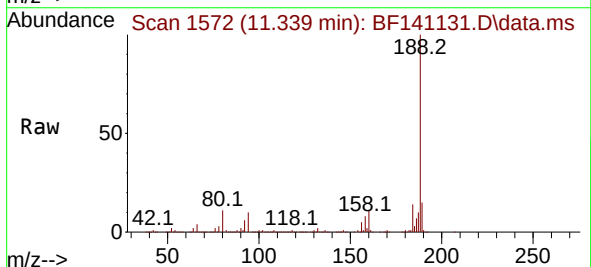
Manual Integrations
APPROVED

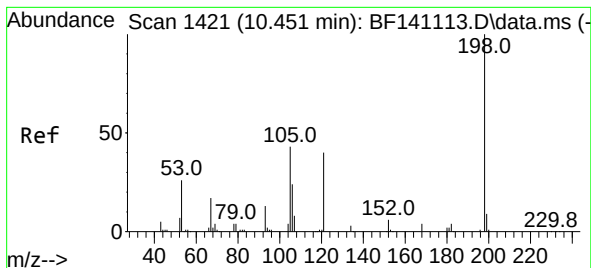
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

Tgt Ion:188 Resp: 538631
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 10.8 9.0 13.4





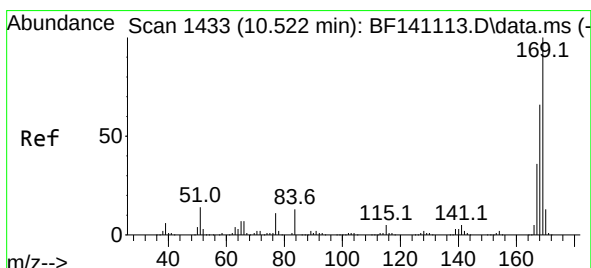
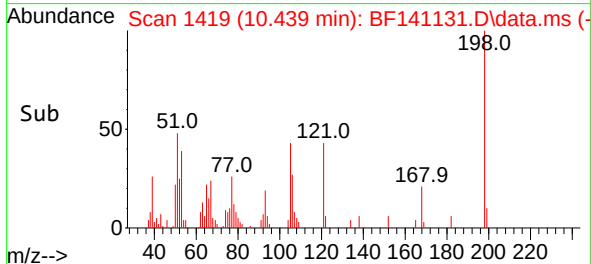
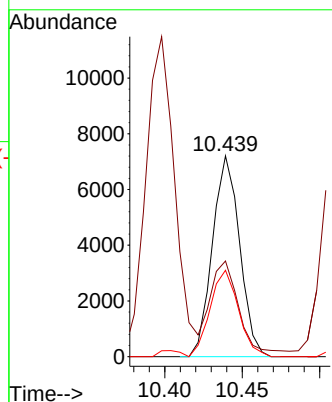
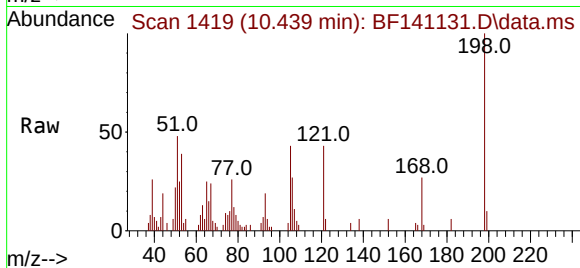
#65
4,6-Dinitro-2-methylphenol
Concen: 2.814 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF141131.D
Acq: 13 Jan 2025 17:29

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:198 Resp: 878
Ion Ratio Lower Upper
198 100
51 47.7 27.1 67.1
105 43.0 24.2 64.2

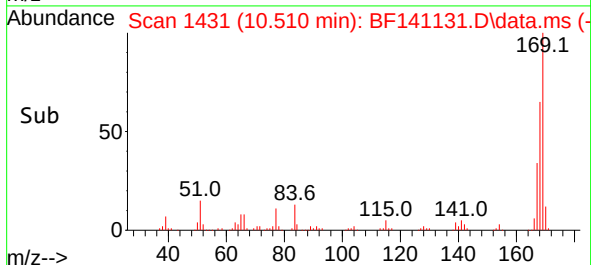
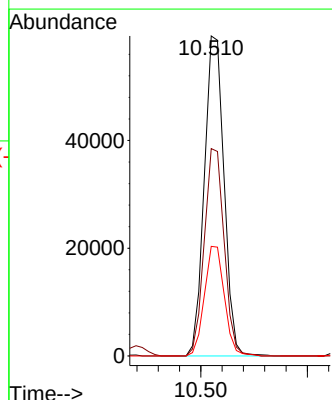
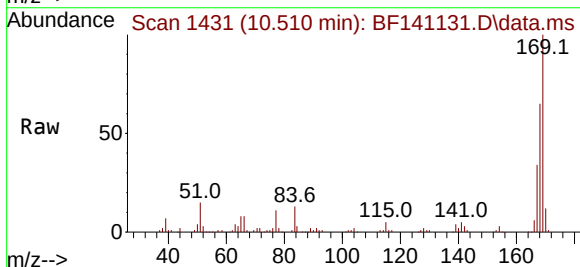
Manual Integrations
APPROVED

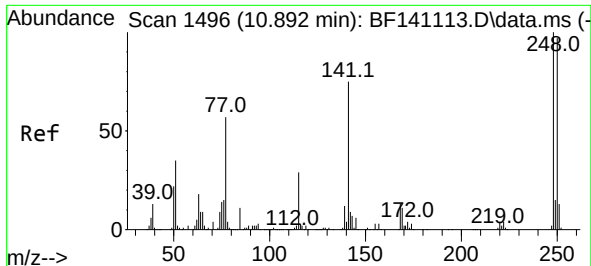
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#66
n-Nitrosodiphenylamine
Concen: 4.410 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF141131.D
Acq: 13 Jan 2025 17:29

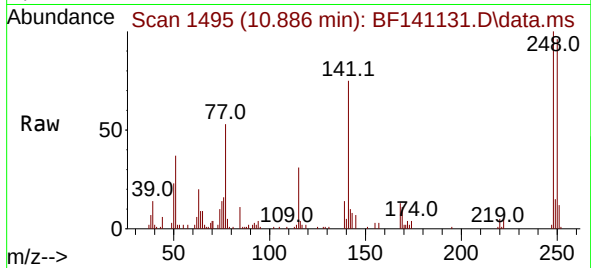
Tgt Ion:169 Resp: 76611
Ion Ratio Lower Upper
169 100
168 64.8 52.5 78.7
167 34.2 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 4.289 ng
RT: 10.886 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

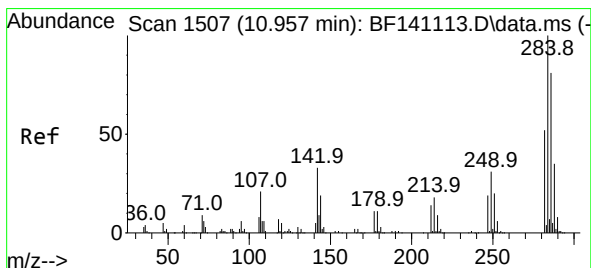
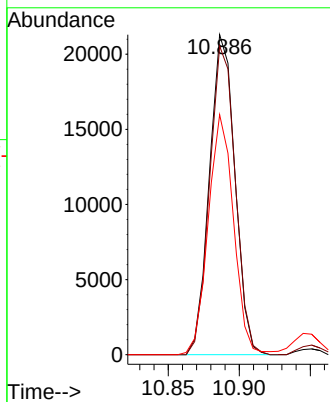
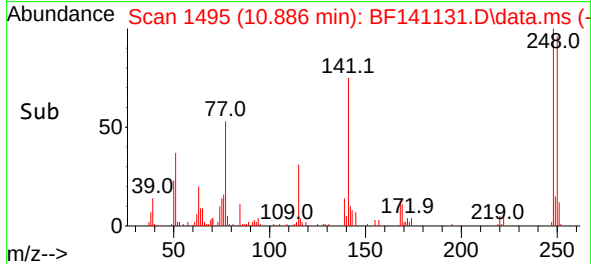
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



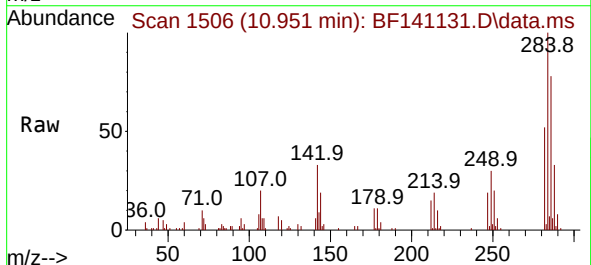
Tgt Ion:248 Resp: 2659
Ion Ratio Lower Upper
248 100
250 96.5 77.9 116.9
141 75.0 59.9 89.9

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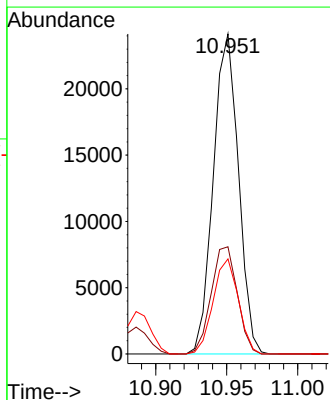
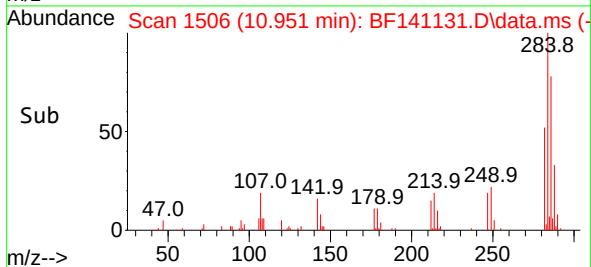
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025

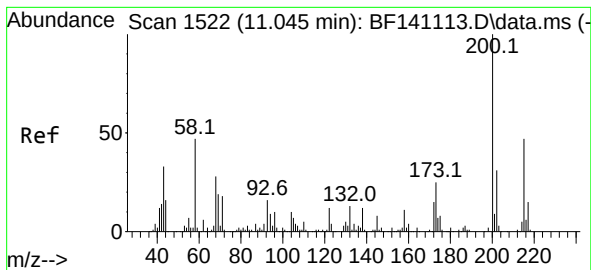


#68
Hexachlorobenzene
Concen: 4.303 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29



Tgt Ion:284 Resp: 29706
Ion Ratio Lower Upper
284 100
142 33.5 26.3 39.5
249 29.7 24.9 37.3





#69

Atrazine

Concen: 5.045 ng

RT: 11.033 min Scan# 1520

Delta R.T. -0.012 min

Lab File: BF141131.D

Acq: 13 Jan 2025 17:29

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

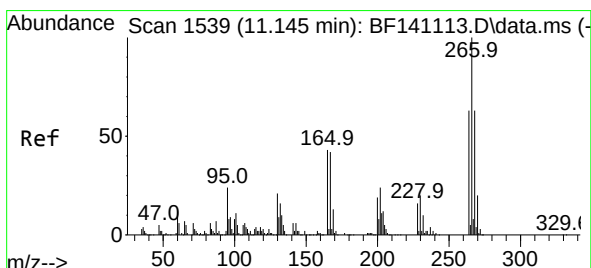
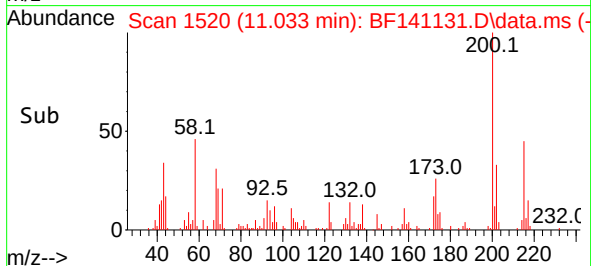
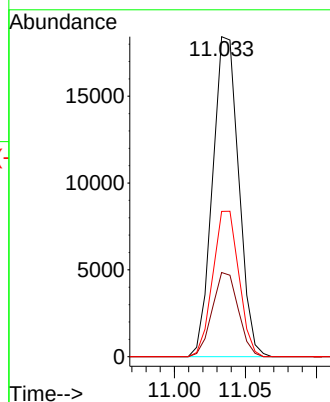
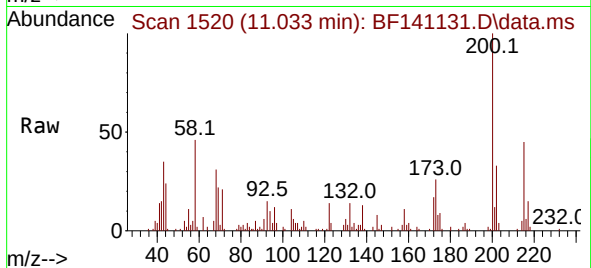
Tgt Ion:200	Resp:	23598
Ion Ratio	Lower	Upper
200	100	
173	26.3	5.4 45.4
215	45.4	26.6 66.6

Manual Integrations

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Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#70

Pentachlorophenol

Concen: 5.300 ng

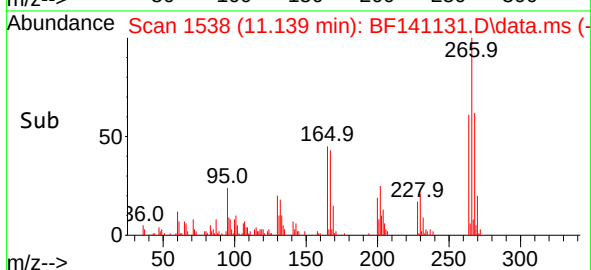
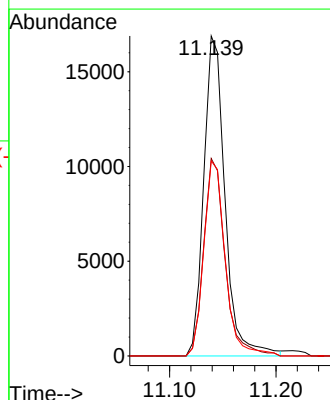
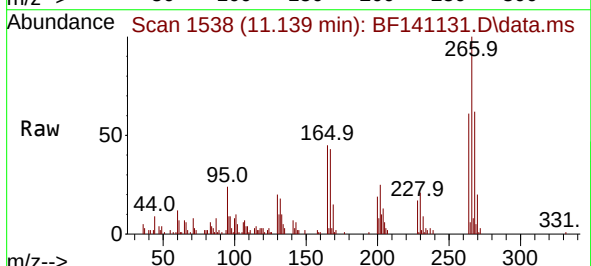
RT: 11.139 min Scan# 1538

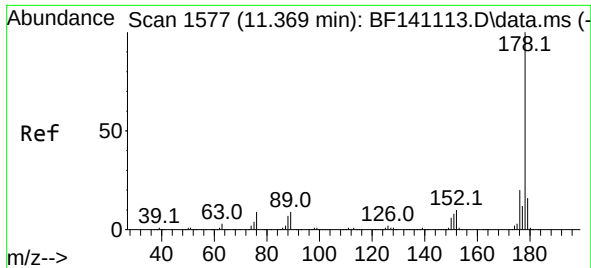
Delta R.T. -0.006 min

Lab File: BF141131.D

Acq: 13 Jan 2025 17:29

Tgt Ion:266	Resp:	23429
Ion Ratio	Lower	Upper
266	100	
268	61.7	50.4 75.6
264	60.9	50.2 75.2





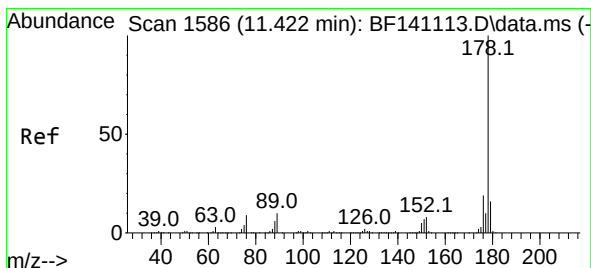
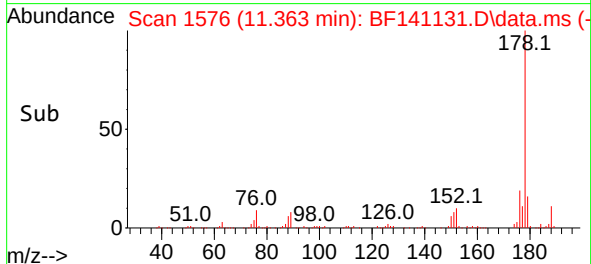
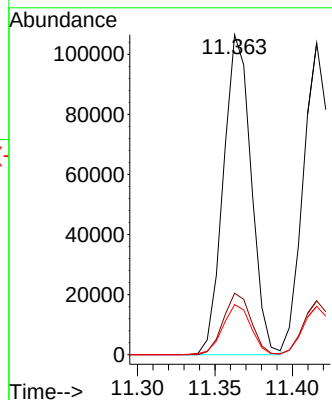
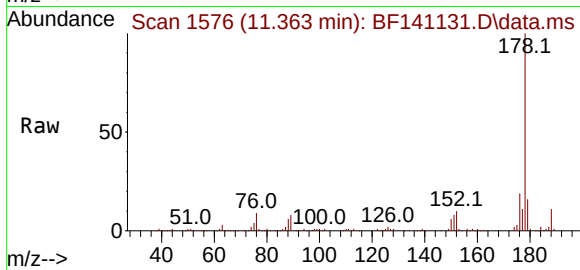
#71
Phenanthrene
Concen: 4.596 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:178 Resp: 132917
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.7 12.6 19.0

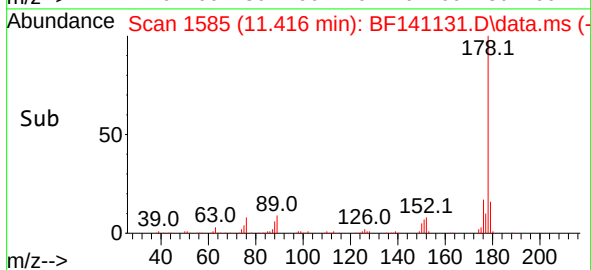
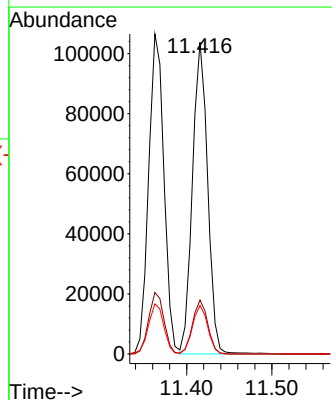
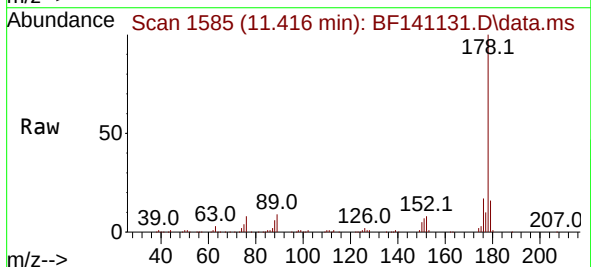
Manual Integrations
APPROVED

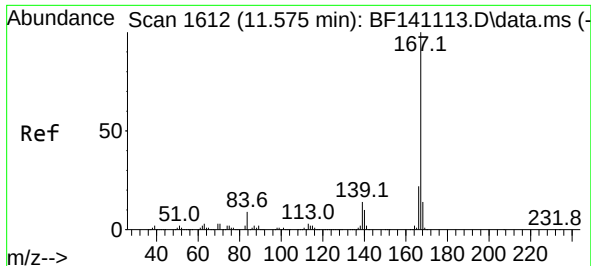
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#72
Anthracene
Concen: 4.569 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

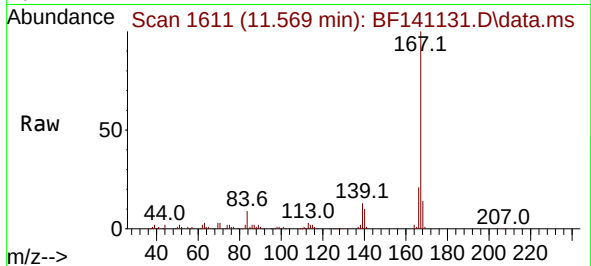
Tgt Ion:178 Resp: 128473
Ion Ratio Lower Upper
178 100
176 17.3 14.9 22.3
179 15.6 12.6 19.0





#73
 Carbazole
 Concen: 4.387 ng
 RT: 11.569 min Scan# 1611
 Delta R.T. -0.006 min
 Lab File: BF141131.D
 Acq: 13 Jan 2025 17:29

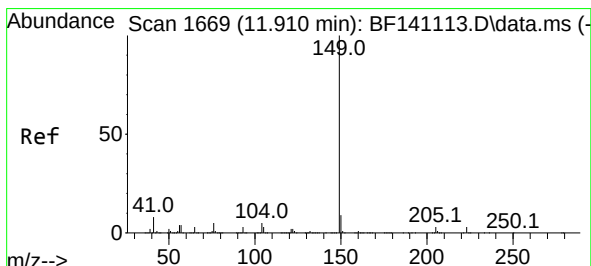
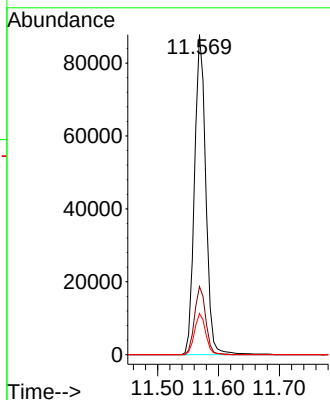
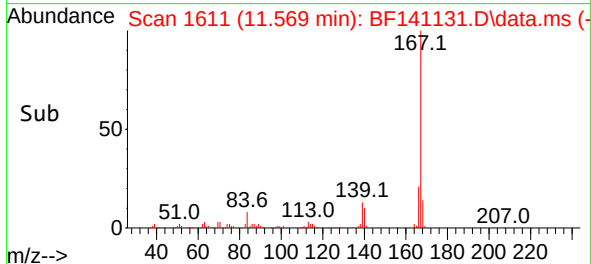
Instrument : BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024



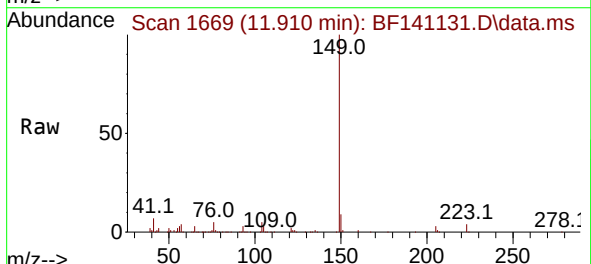
Tgt Ion:167 Resp: 113118
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.2
 139 12.9 10.9 16.3

Manual Integrations
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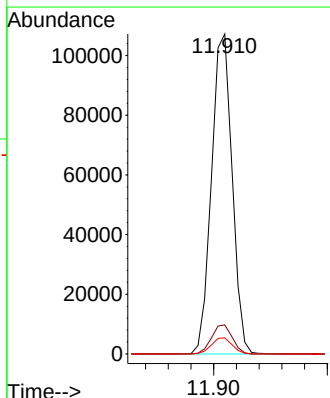
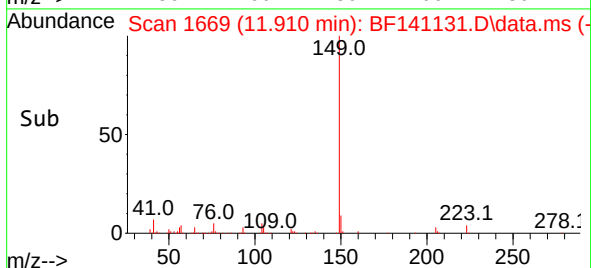
Reviewed By :Yogesh Patel 01/14/2025
 Supervised By :mohammad ahmed 01/14/2025

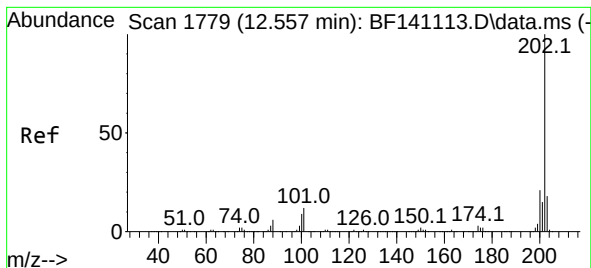


#74
 Di-n-butylphthalate
 Concen: 4.585 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF141131.D
 Acq: 13 Jan 2025 17:29



Tgt Ion:149 Resp: 135278
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.0 4.2 6.2





#75

Fluoranthene

Concen: 4.600 ng

RT: 12.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141131.D

Acq: 13 Jan 2025 17:29

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion:202 Resp: 13273

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.3

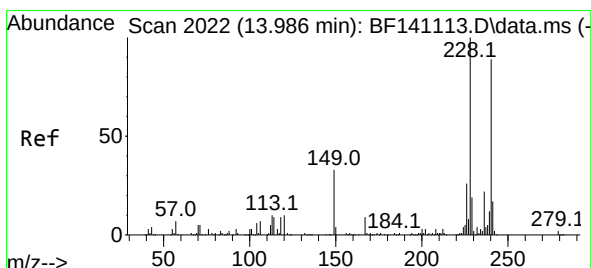
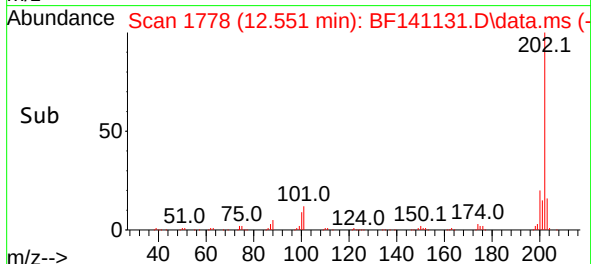
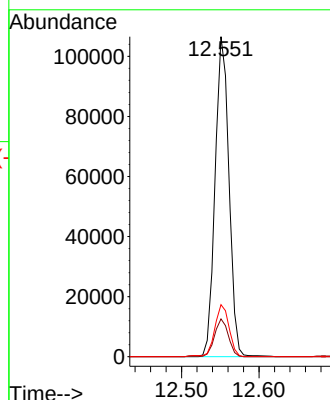
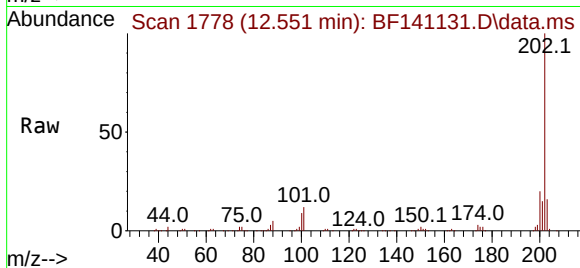
203 16.3 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF141131.D

Acq: 13 Jan 2025 17:29

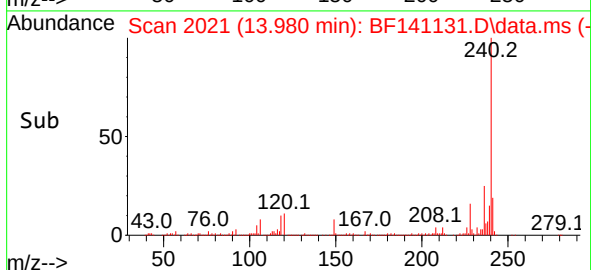
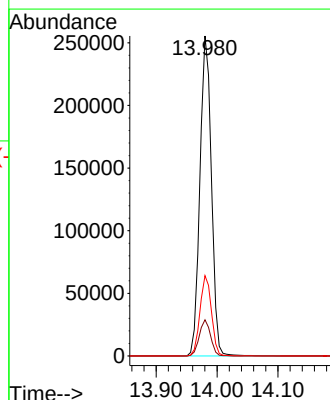
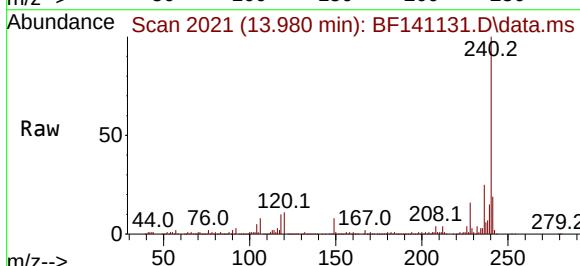
Tgt Ion:240 Resp: 333772

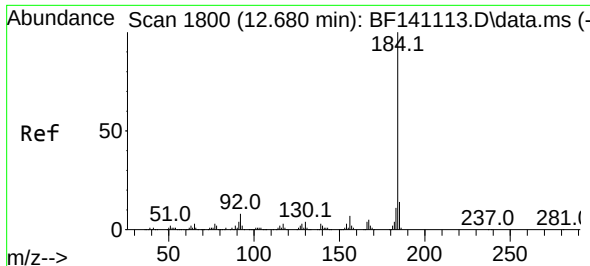
Ion Ratio Lower Upper

240 100

120 11.3 9.1 13.7

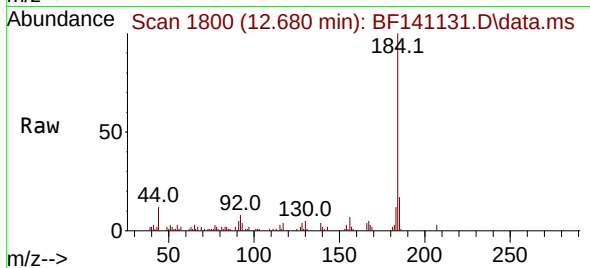
236 25.1 19.8 29.6





#77
Benzidine
Concen: 4.488 ng
RT: 12.680 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF141131.D
Acq: 13 Jan 2025 17:29

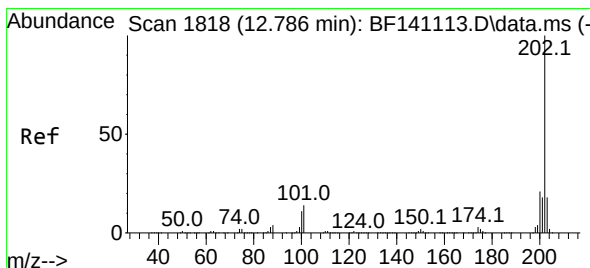
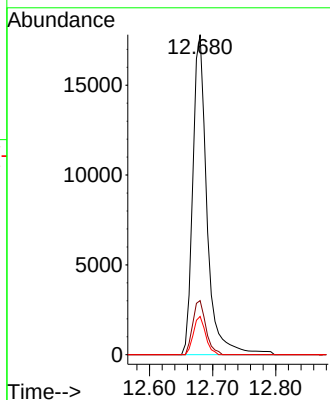
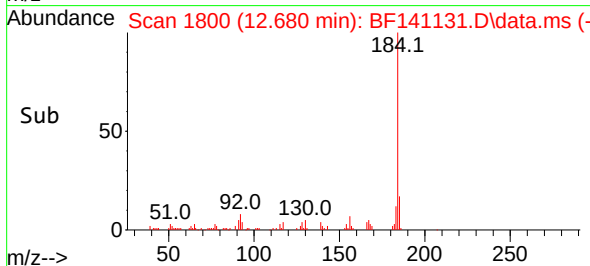
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



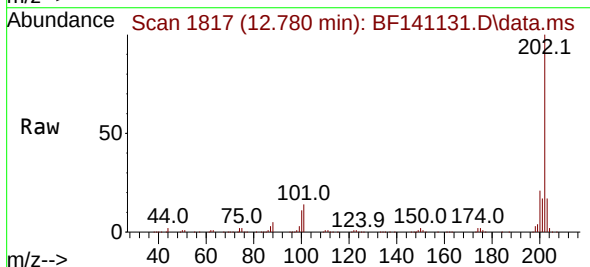
Tgt Ion:184 Resp: 27780
Ion Ratio Lower Upper
184 100
185 16.9 11.4 17.0
183 12.0 9.2 13.8

Manual Integrations
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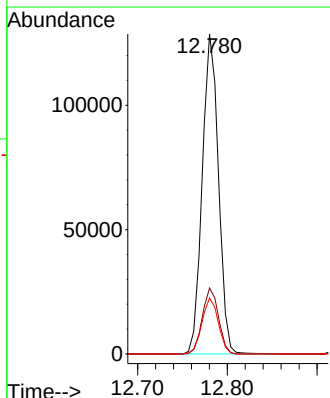
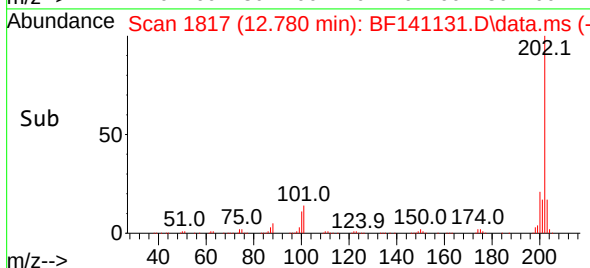
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025

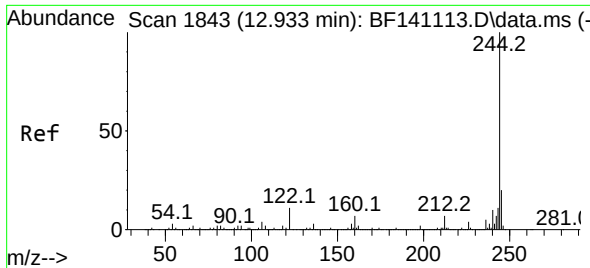


#78
Pyrene
Concen: 5.055 ng
RT: 12.780 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF141131.D
Acq: 13 Jan 2025 17:29



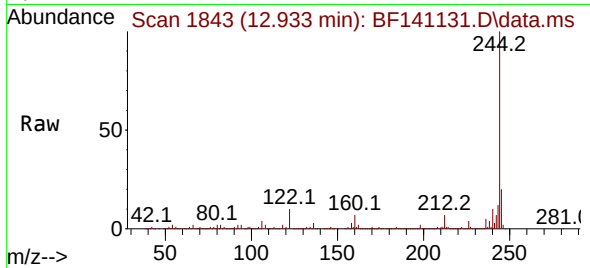
Tgt Ion:202 Resp: 161145
Ion Ratio Lower Upper
202 100
200 20.6 16.8 25.2
203 17.5 14.3 21.5





#79
 Terphenyl-d14
 Concen: 77.118 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF141113.D
 Acq: 13 Jan 2025 17:29

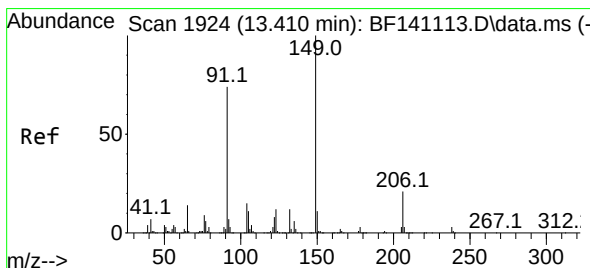
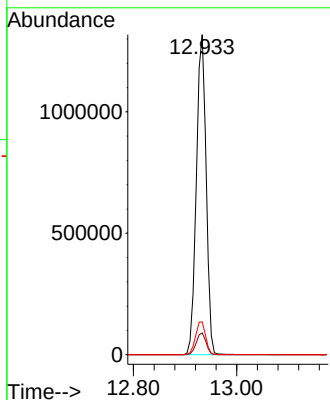
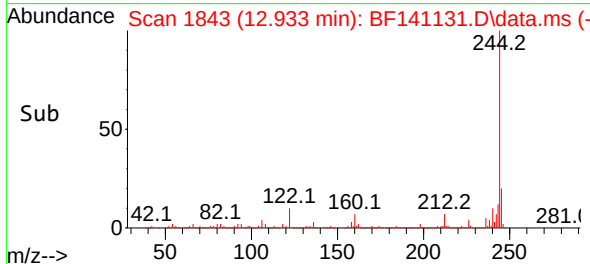
Instrument : BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024



Tgt Ion:244 Resp: 1731800
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.3 8.8 13.2

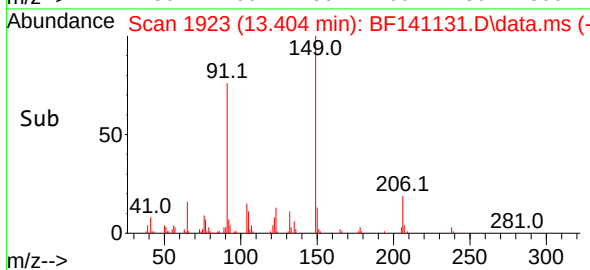
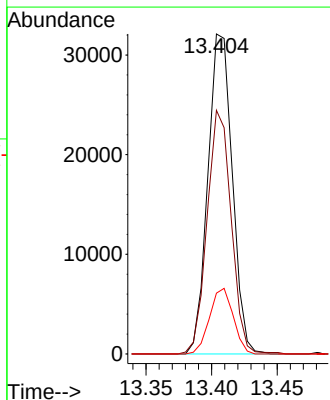
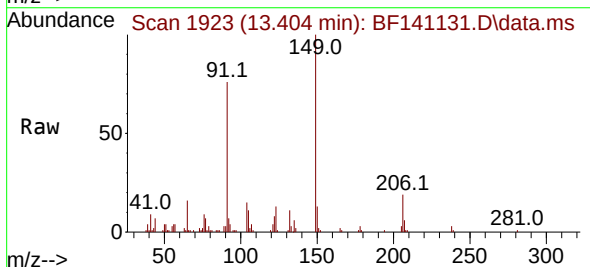
Manual Integrations
 APPROVED

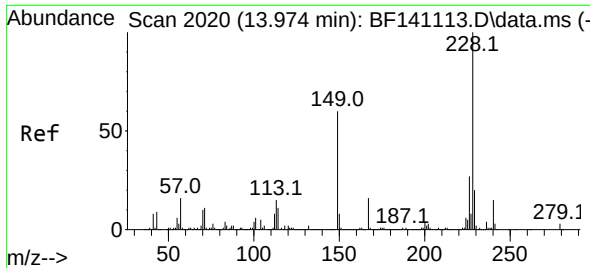
Reviewed By :Yogesh Patel 01/14/2025
 Supervised By :mohammad ahmed 01/14/2025



#80
 Butylbenzylphthalate
 Concen: 3.915 ng
 RT: 13.404 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF141113.D
 Acq: 13 Jan 2025 17:29

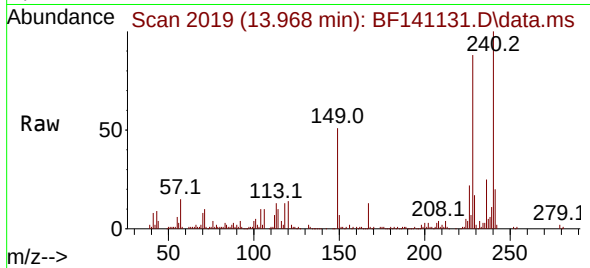
Tgt Ion:149 Resp: 41615
 Ion Ratio Lower Upper
 149 100
 91 76.2 59.0 88.6
 206 19.0 16.5 24.7





#81
Benzo(a)anthracene
Concen: 4.207 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

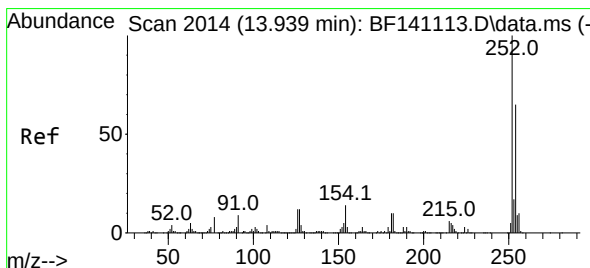
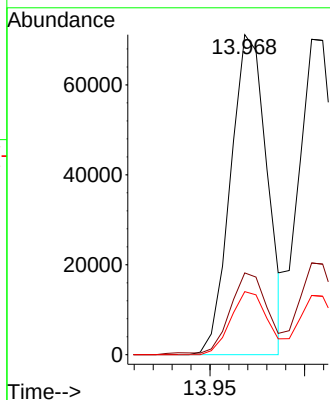
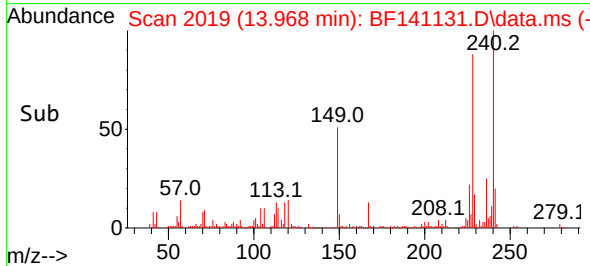
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



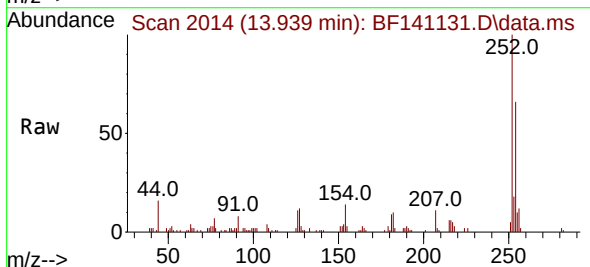
Tgt Ion:228 Resp: 95568
Ion Ratio Lower Upper
228 100
226 25.6 21.7 32.5
229 19.7 15.7 23.5

Manual Integrations
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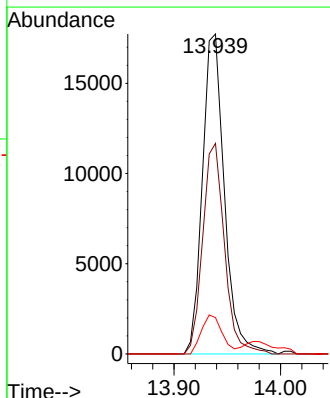
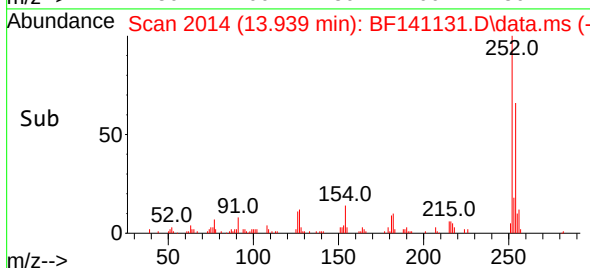
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025

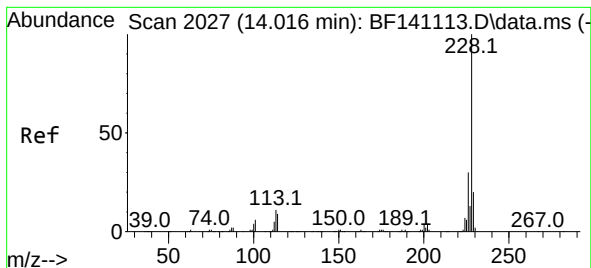


#82
3,3'-Dichlorobenzidine
Concen: 3.523 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29



Tgt Ion:252 Resp: 25485
Ion Ratio Lower Upper
252 100
254 65.8 52.0 78.0
126 11.3 9.4 14.0





#83

Chrysene

Concen: 4.434 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141131.D

Acq: 13 Jan 2025 17:29

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

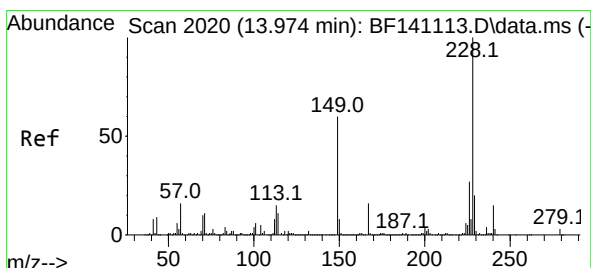
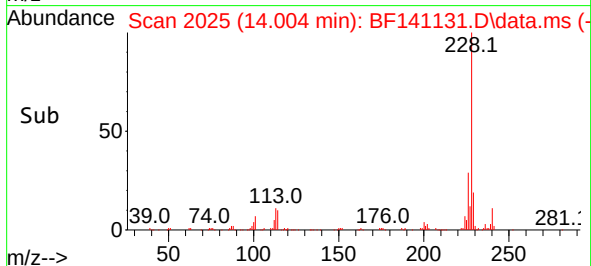
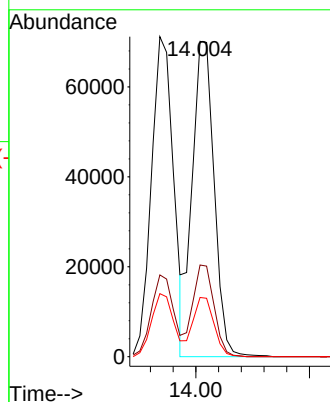
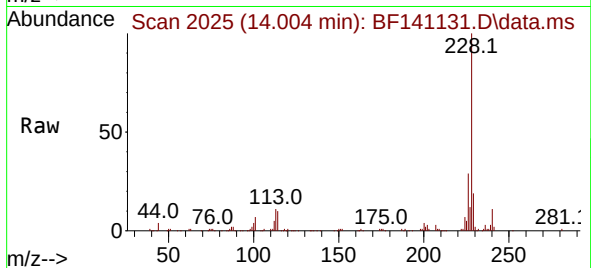
Tgt Ion:228	Resp: 9424
Ion Ratio	Lower Upper
228 100	
226 29.1	23.8 35.8
229 18.8	15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.102 ng

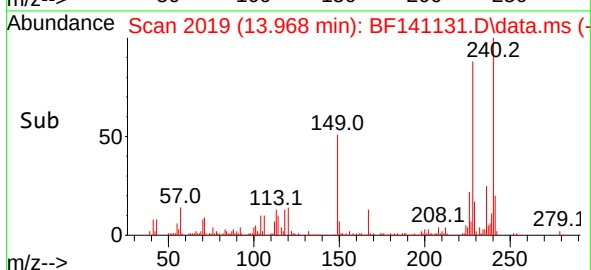
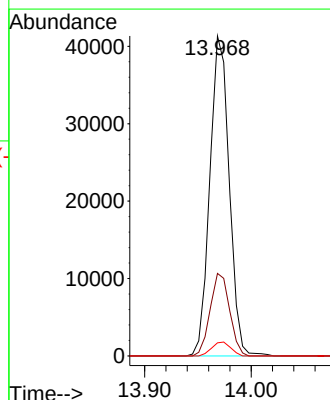
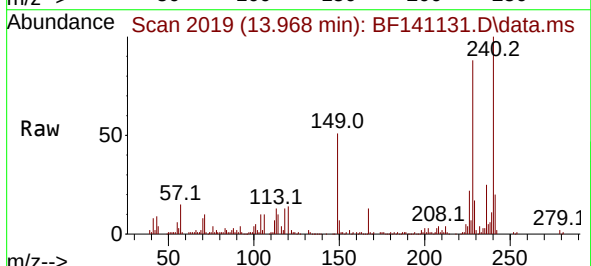
RT: 13.968 min Scan# 2019

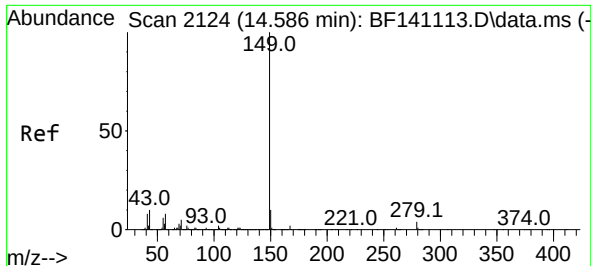
Delta R.T. -0.006 min

Lab File: BF141131.D

Acq: 13 Jan 2025 17:29

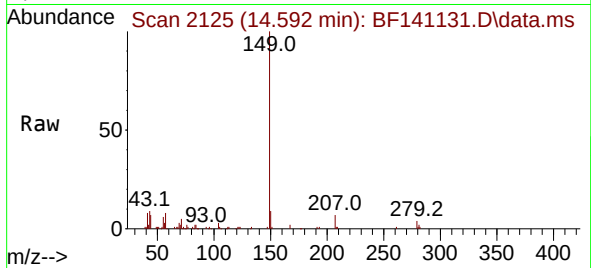
Tgt Ion:149	Resp: 52316
Ion Ratio	Lower Upper
149 100	
167 25.8	21.4 32.2
279 4.1	3.4 5.2





#85
Di-n-octyl phthalate
Concen: 3.528 ng
RT: 14.592 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

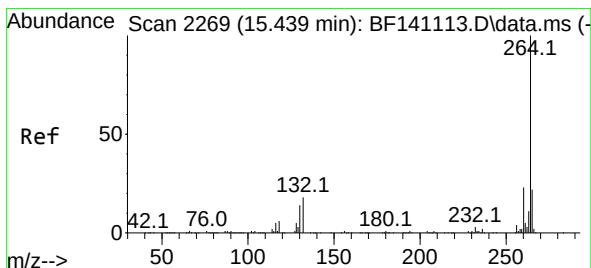
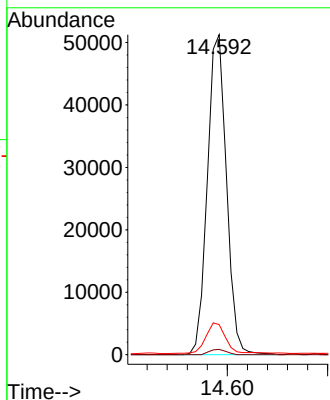
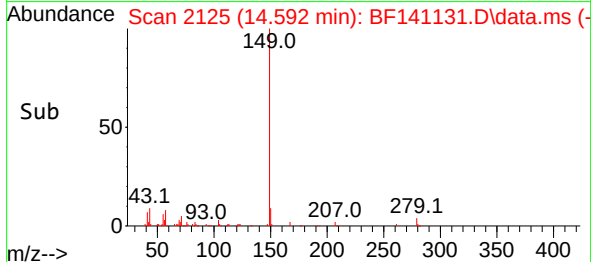
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:149 Resp: 6793
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.1 8.4 12.6

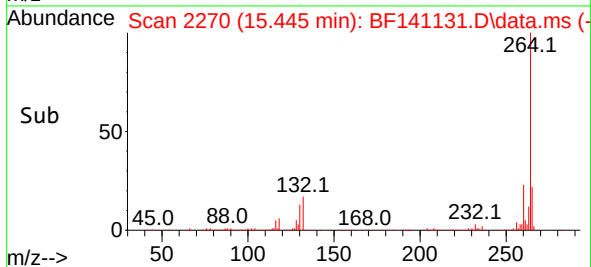
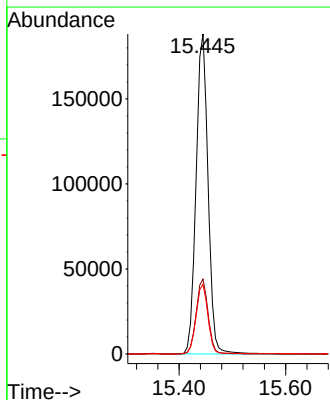
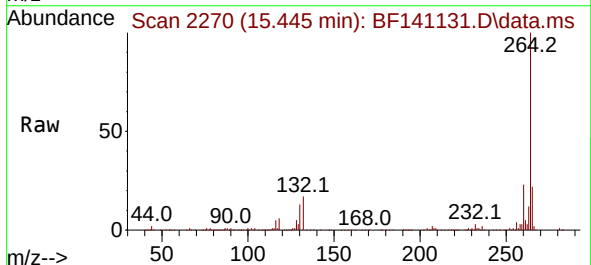
Manual Integrations
APPROVED

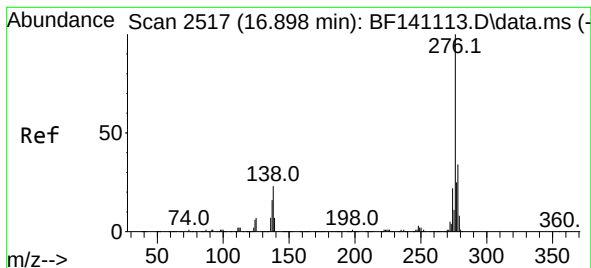
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

Tgt Ion:264 Resp: 294187
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.964 ng

RT: 16.886 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF141113.D

Acq: 13 Jan 2025 17:29

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

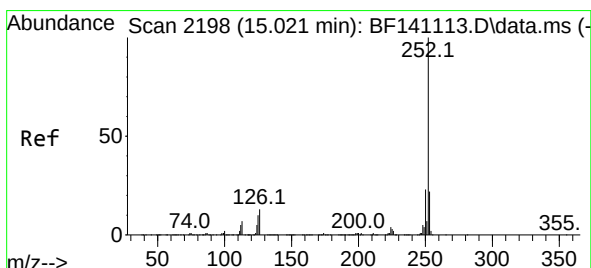
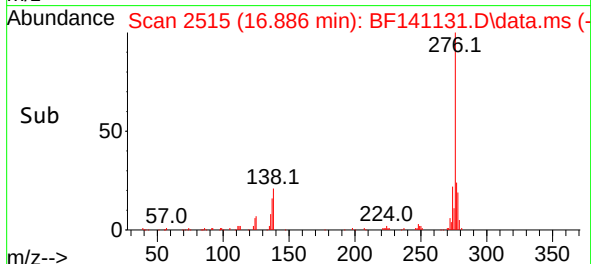
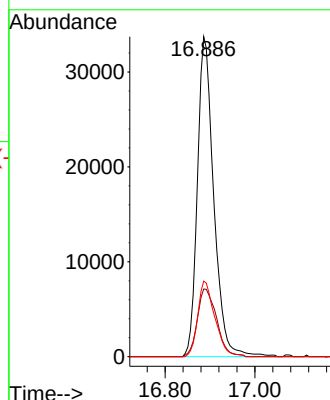
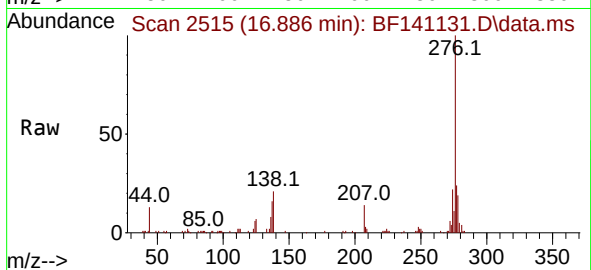
Tgt Ion:	276	Resp:	8543
Ion Ratio	Lower	Upper	
276	100		
138	24.9	20.7	31.1
277	24.7	20.6	30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :mohammad ahmed 01/14/2025



#88

Benzo(b)fluoranthene

Concen: 4.164 ng

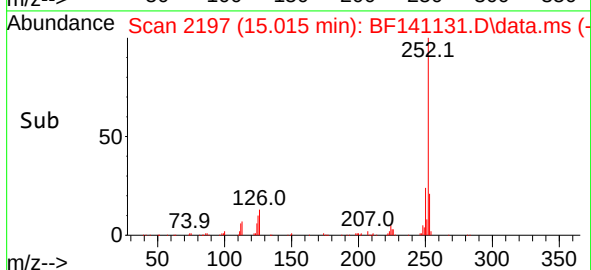
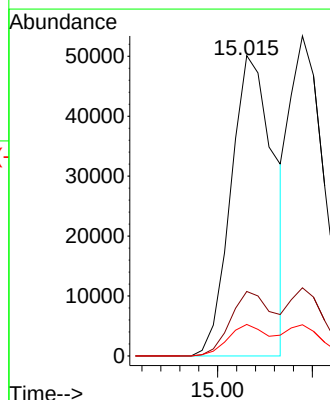
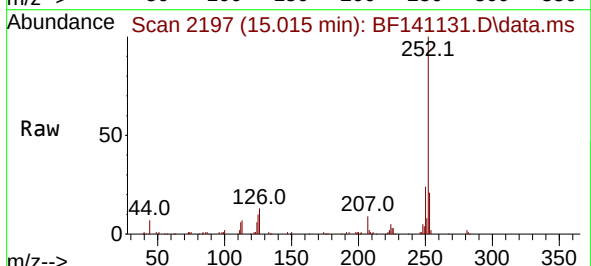
RT: 15.015 min Scan# 2197

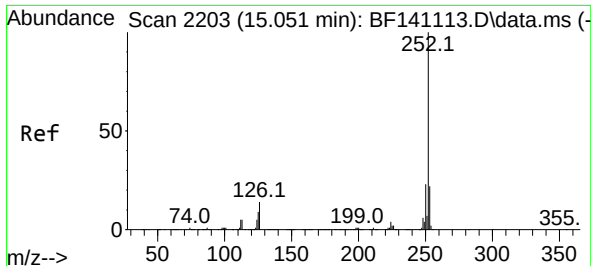
Delta R.T. -0.006 min

Lab File: BF141113.D

Acq: 13 Jan 2025 17:29

Tgt Ion:	252	Resp:	79001
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.8	26.6
125	10.5	8.1	12.1





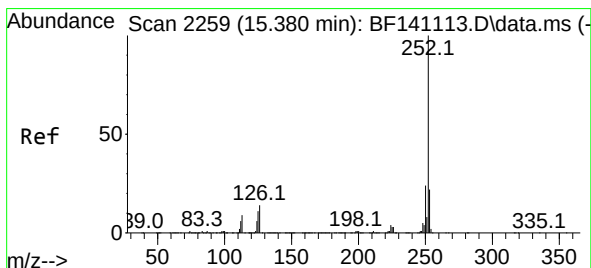
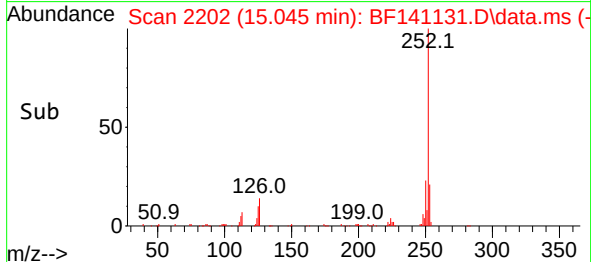
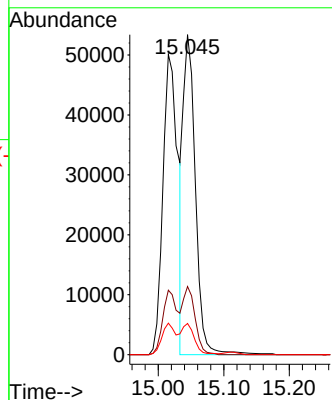
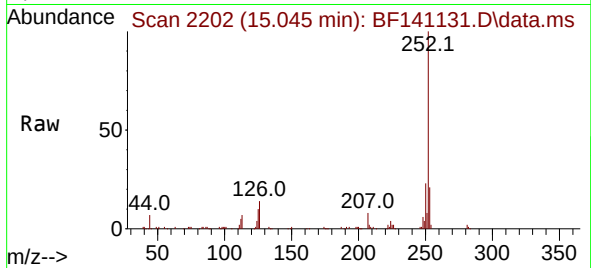
#89
Benzo(k)fluoranthene
Concen: 4.346 ng
RT: 15.045 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF141131.D
Acq: 13 Jan 2025 17:29

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:252 Resp: 6967
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 9.8 7.9 11.9

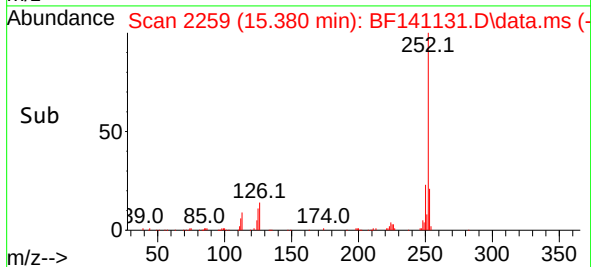
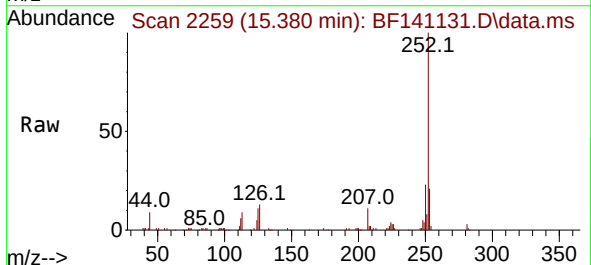
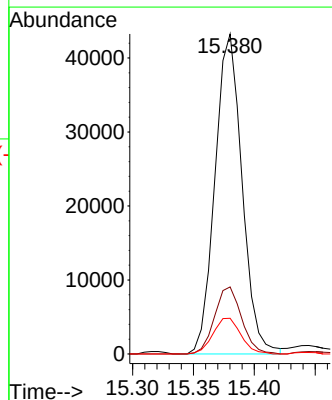
Manual Integrations
APPROVED

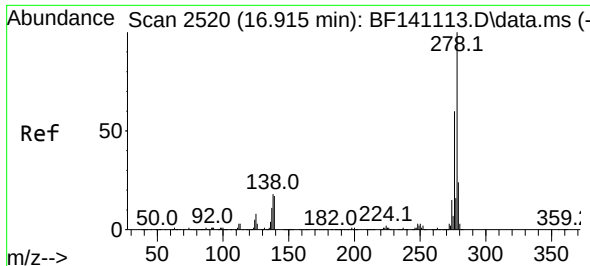
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025



#90
Benzo(a)pyrene
Concen: 4.274 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.000 min
Lab File: BF141131.D
Acq: 13 Jan 2025 17:29

Tgt Ion:252 Resp: 66887
Ion Ratio Lower Upper
252 100
253 21.0 17.7 26.5
125 11.1 9.1 13.7





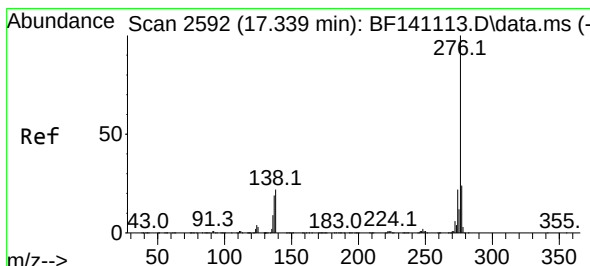
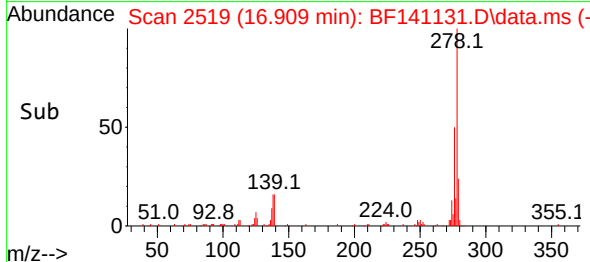
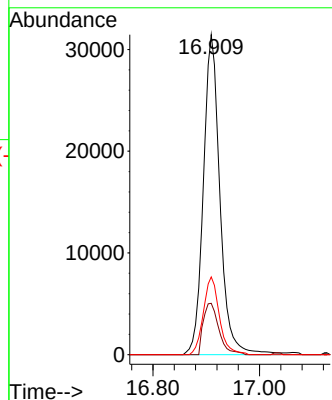
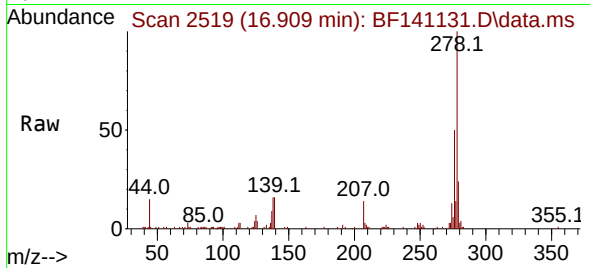
#91
Dibenzo(a,h)anthracene
Concen: 3.903 ng
RT: 16.909 min Scan# 2519
Delta R.T. -0.006 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 278 Resp: 6804
Ion Ratio Lower Upper
278 100
139 16.0 13.8 20.6
279 24.3 19.1 28.7

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 01/14/2025
Supervised By : mohammad ahmed 01/14/2025



#92
Benzo(g,h,i)perylene
Concen: 3.879 ng
RT: 17.321 min Scan# 2589
Delta R.T. -0.018 min
Lab File: BF141113.D
Acq: 13 Jan 2025 17:29

Tgt Ion: 276 Resp: 70340
Ion Ratio Lower Upper
276 100
277 22.3 19.0 28.4
138 20.3 17.4 26.2

