

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143153.D
 Acq On : 17 Jul 2025 17:37
 Operator : RC/JU
 Sample : Q2126-09
 Misc : MDL-WATER-8PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Quant Time: Jul 17 18:13:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	158246	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	601378	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	309174	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	507836	20.000	ng	0.00
76) Chrysene-d12	14.115	240	296298	20.000	ng	0.00
86) Perylene-d12	15.621	264	315429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1090647	109.065	ng	0.00
7) Phenol-d6	6.587	99	1415592	112.466	ng	0.00
23) Nitrobenzene-d5	7.516	82	924202	76.605	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	391589	122.604	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1639929	72.542	ng	0.00
79) Terphenyl-d14	13.068	244	1534282	77.057	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.804	88	34801	7.355	ng	98
3) Pyridine	3.610	79	89032	7.249	ng	100
4) n-Nitrosodimethylamine	3.504	42	46255	7.295	ng	# 99
6) Aniline	6.622	93	137396	7.832	ng	99
8) 2-Chlorophenol	6.751	128	82340	7.855	ng	99
9) Benzaldehyde	6.510	77	73887	7.828	ng	98
10) Phenol	6.598	94	103849m	7.574	ng	
11) bis(2-Chloroethyl)ether	6.692	93	82047	7.815	ng	100
12) 1,3-Dichlorobenzene	6.904	146	90826	7.976	ng	98
13) 1,4-Dichlorobenzene	6.981	146	91924	8.016	ng	99
14) 1,2-Dichlorobenzene	7.134	146	86946	7.972	ng	99
15) Benzyl Alcohol	7.086	79	73621	7.660	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	154441	7.930	ng	100
17) 2-Methylphenol	7.198	107	69077	7.838	ng	97
18) Hexachloroethane	7.481	117	30054	7.571	ng	95
19) n-Nitroso-di-n-propyla...	7.363	70	63722	7.891	ng	96
20) 3+4-Methylphenols	7.351	107	88775	8.302	ng	# 88
22) Acetophenone	7.357	105	119345	8.382	ng	98
24) Nitrobenzene	7.534	77	91772	8.159	ng	99
25) Isophorone	7.769	82	167284	7.855	ng	100
26) 2-Nitrophenol	7.851	139	36612	7.500	ng	98
27) 2,4-Dimethylphenol	7.881	122	73789	7.416	ng	99
28) bis(2-Chloroethoxy)met...	7.981	93	103180	8.080	ng	100
29) 2,4-Dichlorophenol	8.086	162	66053	7.871	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	72824	8.033	ng	99
31) Naphthalene	8.263	128	247548	8.358	ng	98
32) Benzoic acid	7.928	122	25905	9.301	ng	99
33) 4-Chloroaniline	8.304	127	96037	7.941	ng	100
34) Hexachlorobutadiene	8.386	225	44527	8.040	ng	99
35) Caprolactam	8.628	113	17816	7.026	ng	90
36) 4-Chloro-3-methylphenol	8.769	107	70696	7.751	ng	98
37) 2-Methylnaphthalene	8.951	142	150415	8.346	ng	99
38) 1-Methylnaphthalene	9.051	142	157900	8.508	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	75294	8.435	ng	99
41) Hexachlorocyclopentadiene	9.116	237	33713	5.805	ng	99
43) 2,4,6-Trichlorophenol	9.227	196	50040	8.100	ng	98

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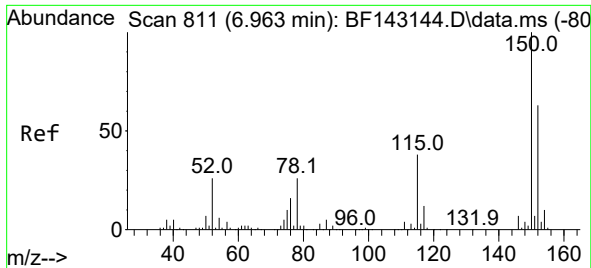
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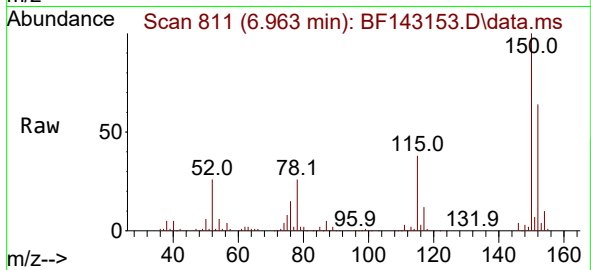
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	47670	7.714	ng	99
46) 1,1'-Biphenyl	9.416	154	203015	8.416	ng	99
47) 2-Chloronaphthalene	9.439	162	148278	8.308	ng	99
48) 2-Nitroaniline	9.522	65	43361	7.747	ng	93
49) Acenaphthylene	9.857	152	244162	8.163	ng	99
50) Dimethylphthalate	9.704	163	165521	8.213	ng	98
51) 2,6-Dinitrotoluene	9.763	165	31853	7.770	ng	94
52) Acenaphthene	10.027	154	147525	8.345	ng	100
53) 3-Nitroaniline	9.933	138	37329	7.785	ng	99
54) 2,4-Dinitrophenol	10.033	184	7508	10.368	ng #	1
55) Dibenzofuran	10.198	168	216009	8.230	ng	100
56) 4-Nitrophenol	10.075	139	25449	7.107	ng	96
57) 2,4-Dinitrotoluene	10.163	165	39266	7.634	ng	96
58) Fluorene	10.545	166	169586	8.609	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	40412	7.895	ng	98
60) Diethylphthalate	10.410	149	162174	8.142	ng	99
61) 4-Chlorophenyl-phenyle...	10.533	204	82164	8.376	ng	97
62) 4-Nitroaniline	10.539	138	32588	7.929	ng	97
63) Azobenzene	10.698	77	171028	8.238	ng	99
65) 4,6-Dinitro-2-methylph...	10.574	198	13634	9.956	ng	96
66) n-Nitrosodiphenylamine	10.651	169	145252	8.123	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	47999	7.931	ng	98
68) Hexachlorobenzene	11.092	284	49159	7.771	ng	96
69) Atrazine	11.169	200	37735	7.654	ng	98
70) Pentachlorophenol	11.280	266	25951	6.976	ng	97
71) Phenanthrene	11.504	178	221799	8.226	ng	99
72) Anthracene	11.557	178	220008	8.000	ng	99
73) Carbazole	11.704	167	196381	8.178	ng	98
74) Di-n-butylphthalate	12.039	149	215429	7.929	ng	99
75) Fluoranthene	12.692	202	200860	8.116	ng	99
77) Benzidine	12.804	184	81071	7.102	ng	98
78) Pyrene	12.921	202	203871	8.062	ng	99
80) Butylbenzylphthalate	13.539	149	52852	6.825	ng	97
81) Benzo(a)anthracene	14.110	228	157020	7.915	ng	99
82) 3,3'-Dichlorobenzidine	14.062	252	48441	7.327	ng	98
83) Chrysene	14.145	228	138840	7.784	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	83424	7.118	ng	99
85) Di-n-octyl phthalate	14.715	149	142951	6.729	ng	100
87) Indeno(1,2,3-cd)pyrene	17.145	276	164241	7.384	ng	99
88) Benzo(b)fluoranthene	15.174	252	144060	7.476	ng	98
89) Benzo(k)fluoranthene	15.204	252	140641	8.179	ng	99
90) Benzo(a)pyrene	15.551	252	134297	7.564	ng	99
91) Dibenzo(a,h)anthracene	17.162	278	137061	7.571	ng	99
92) Benzo(g,h,i)perylene	17.603	276	132148	7.546	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF143153.D
 Acq: 17 Jul 2025 17:37

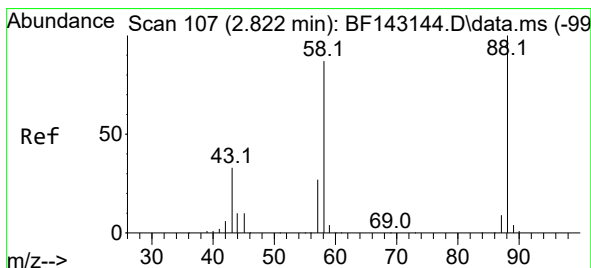
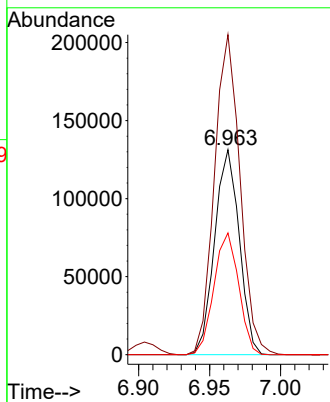
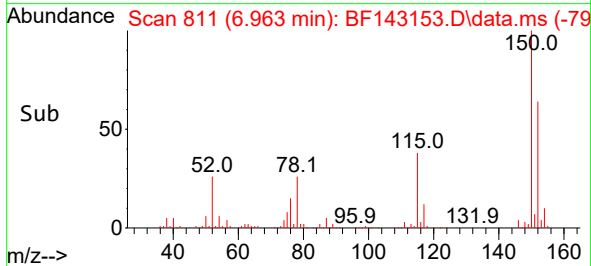
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2025



Tgt Ion:152 Resp: 158240
 Ion Ratio Lower Upper
 152 100
 150 156.1 128.2 192.4
 115 59.4 47.9 71.9

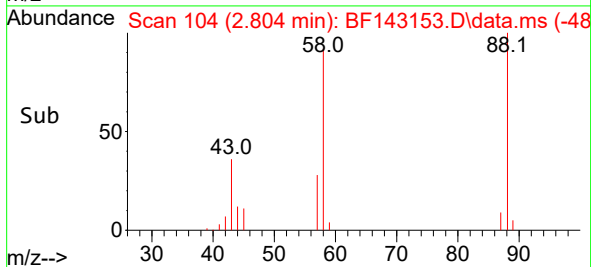
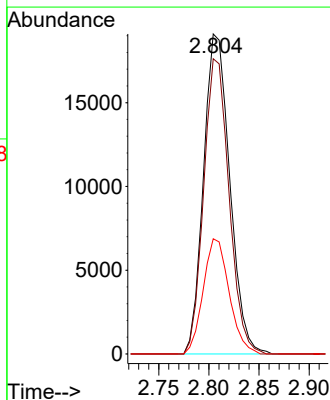
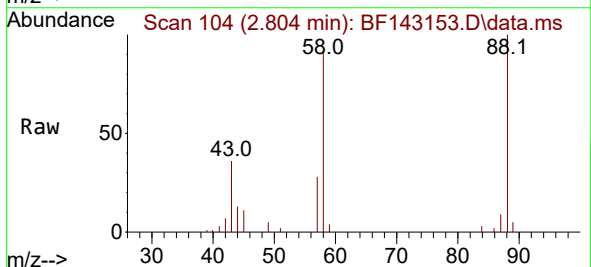
Manual Integrations
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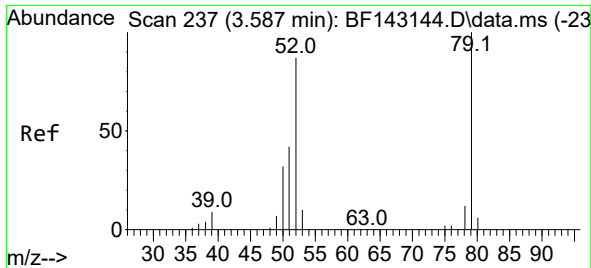
Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025



#2
 1,4-Dioxane
 Concen: 7.355 ng
 RT: 2.804 min Scan# 104
 Delta R.T. -0.018 min
 Lab File: BF143153.D
 Acq: 17 Jul 2025 17:37

Tgt Ion: 88 Resp: 34801
 Ion Ratio Lower Upper
 88 100
 58 89.1 70.2 105.2
 43 35.6 27.1 40.7





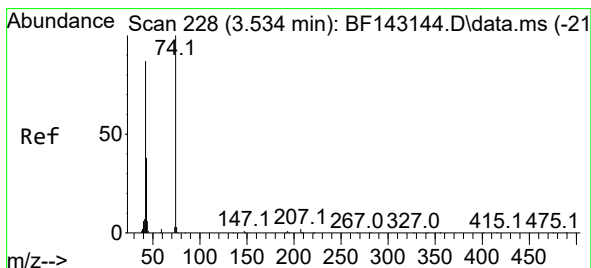
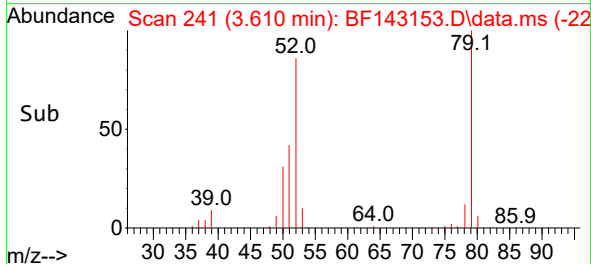
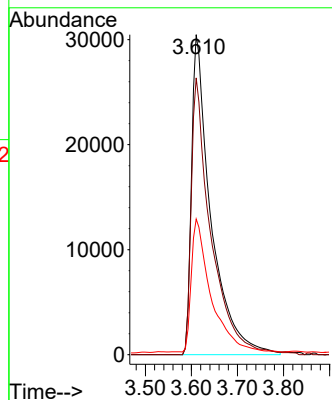
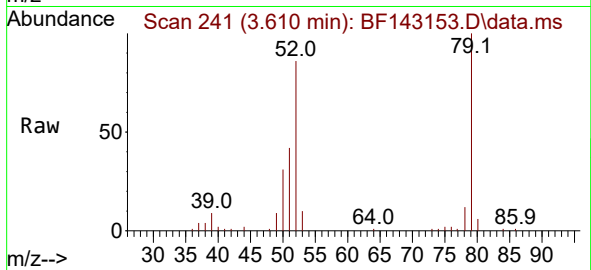
#3
Pyridine
Concen: 7.249 ng
RT: 3.610 min Scan# 241
Delta R.T. 0.023 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 79 Resp: 8903
Ion Ratio Lower Upper
79 100
52 86.5 69.4 104.2
51 42.4 33.5 50.3

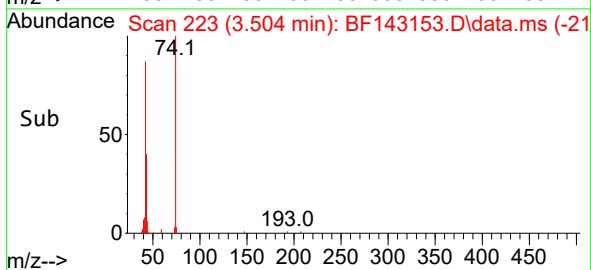
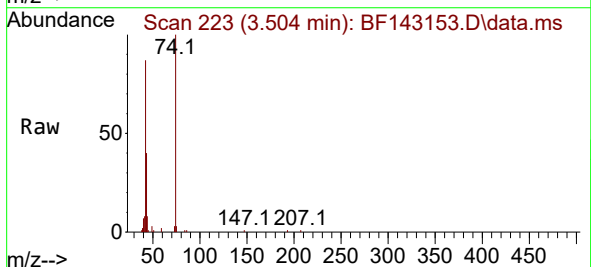
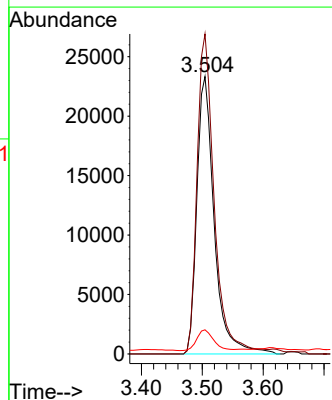
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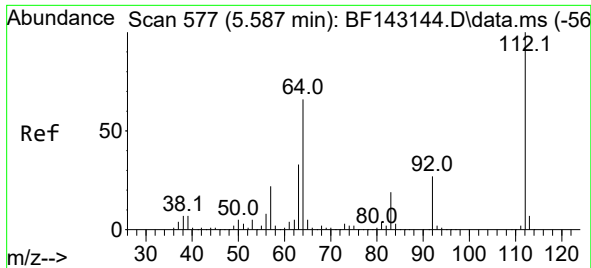
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Supervised By :Jagrut Upadhyay 07/18/2025



#4
n-Nitrosodimethylamine
Concen: 7.295 ng
RT: 3.504 min Scan# 223
Delta R.T. -0.029 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

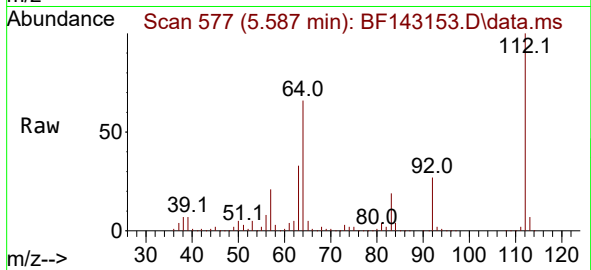
Tgt Ion: 42 Resp: 46255
Ion Ratio Lower Upper
42 100
74 115.4 91.7 137.5
44 8.7 5.6 8.4





#5
2-Fluorophenol
Concen: 109.065 ng
RT: 5.587 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

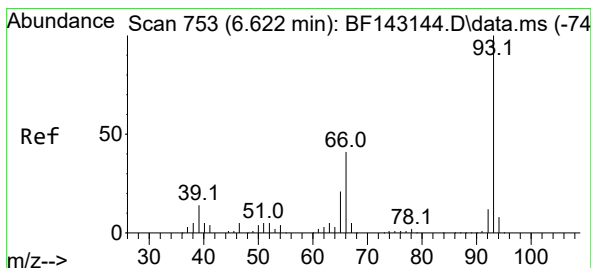
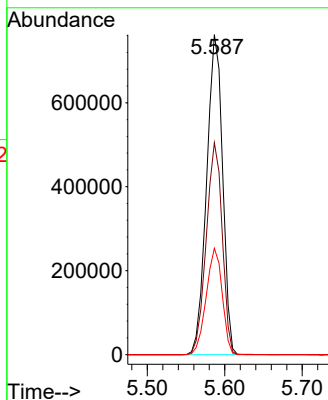
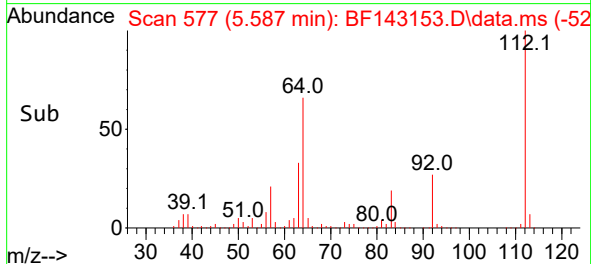
Instrument :
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ClientSampleId :
MDL-WATER-03-QT2-2025



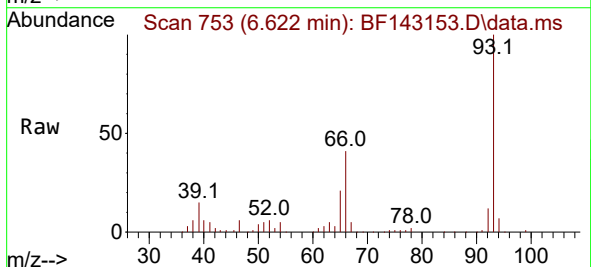
Tgt Ion:112 Resp: 109064
Ion Ratio Lower Upper
112 100
64 66.3 53.1 79.7
63 33.3 26.6 40.0

Manual Integrations
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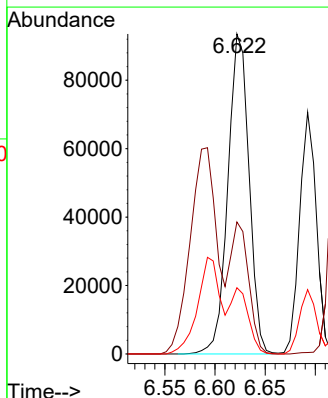
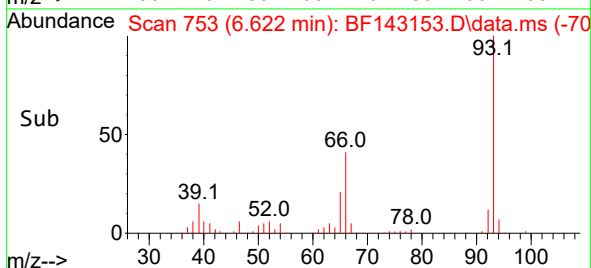
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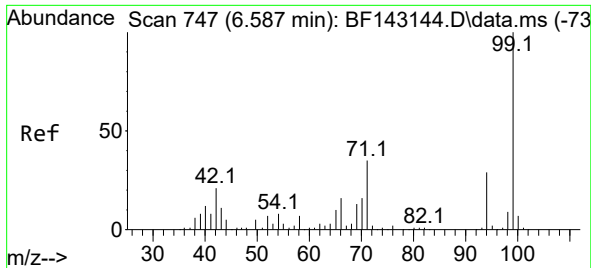


#6
Aniline
Concen: 7.832 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37



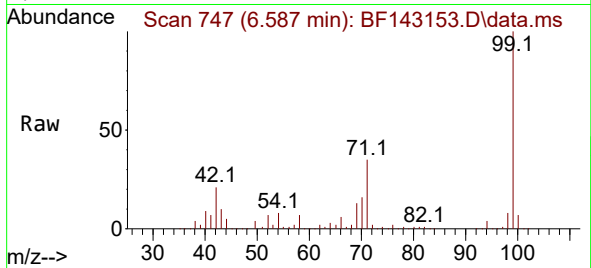
Tgt Ion: 93 Resp: 137396
Ion Ratio Lower Upper
93 100
66 41.3 33.2 49.8
65 20.7 16.9 25.3





#7
Phenol-d6
Concen: 112.466 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

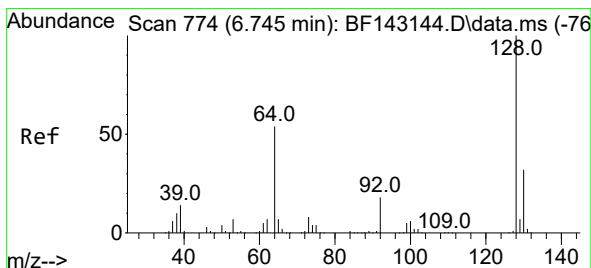
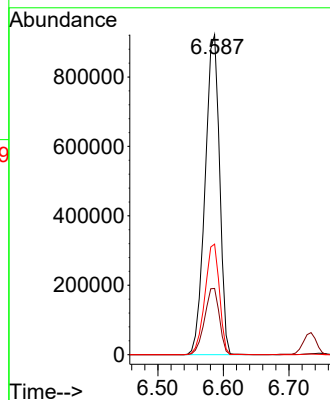
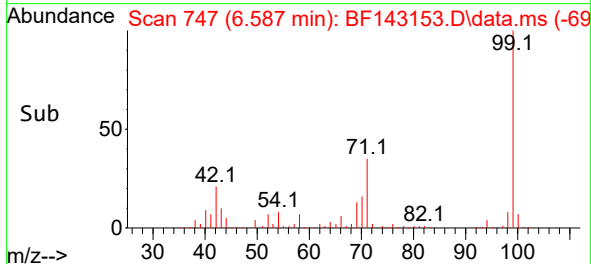
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BNA_F
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MDL-WATER-03-QT2-2025



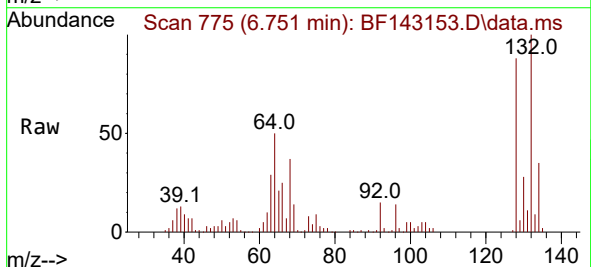
Tgt Ion: 99 Resp: 1415592
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 34.6 27.7 41.5

Manual Integrations
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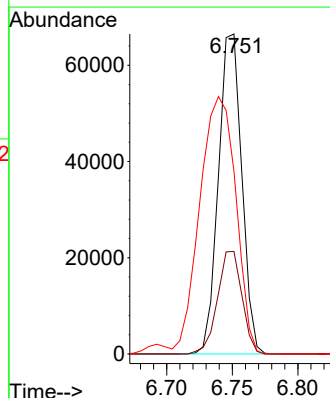
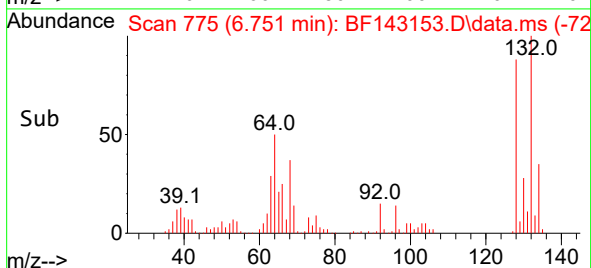
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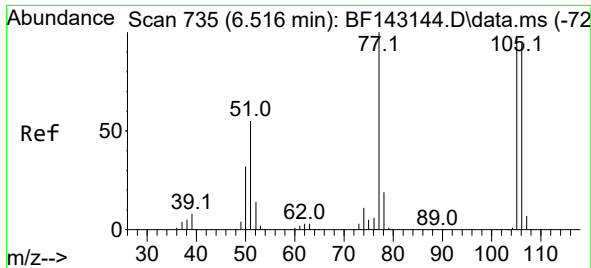


#8
2-Chlorophenol
Concen: 7.855 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37



Tgt Ion:128 Resp: 82340
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 57.1 35.9 75.9





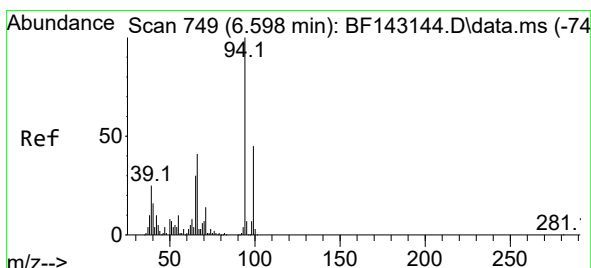
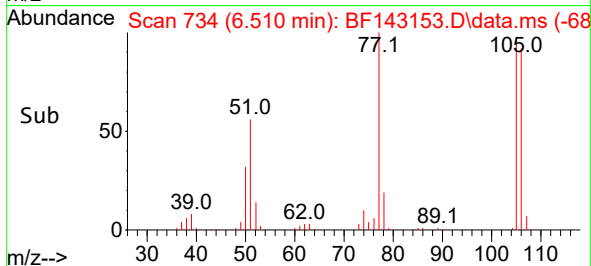
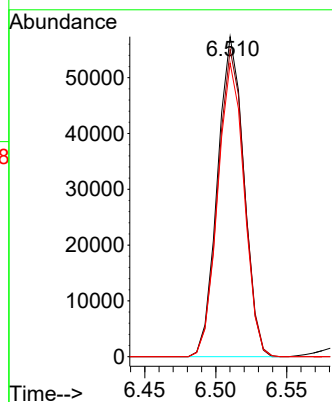
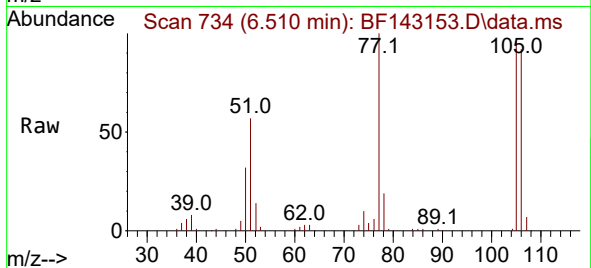
#9
Benzaldehyde
Concen: 7.828 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion: 77 Resp: 7388
Ion Ratio Lower Upper
77 100
105 96.0 76.8 116.8
106 91.8 74.4 114.4

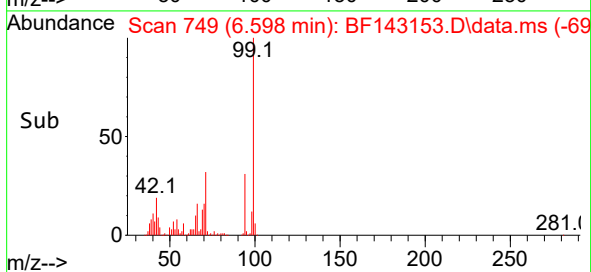
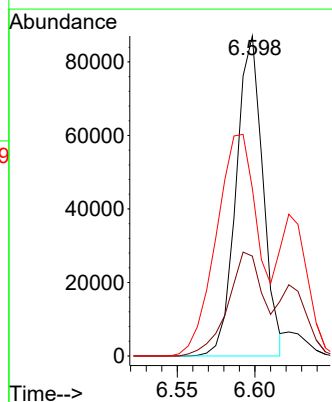
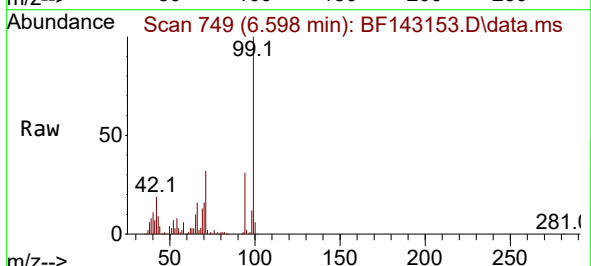
Manual Integrations
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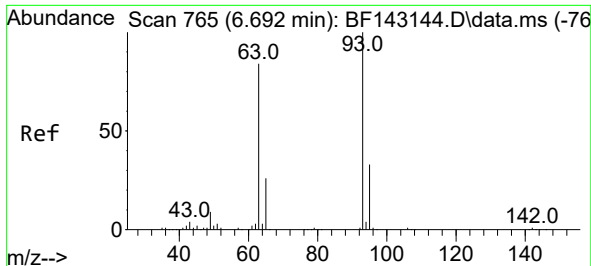
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#10
Phenol
Concen: 7.574 ng m
RT: 6.598 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

Tgt Ion: 94 Resp: 103849
Ion Ratio Lower Upper
94 100
65 31.2 10.0 50.0
66 52.4 20.8 60.8





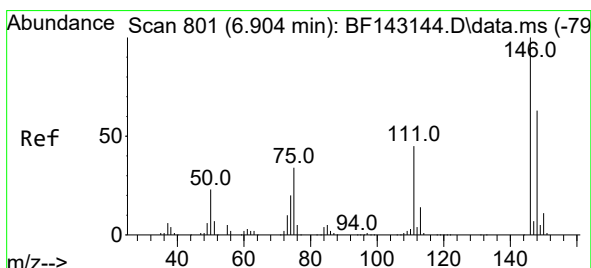
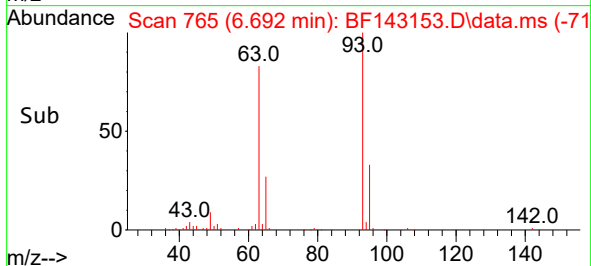
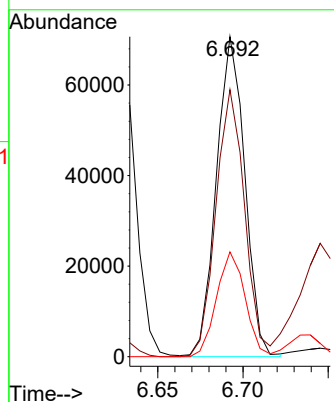
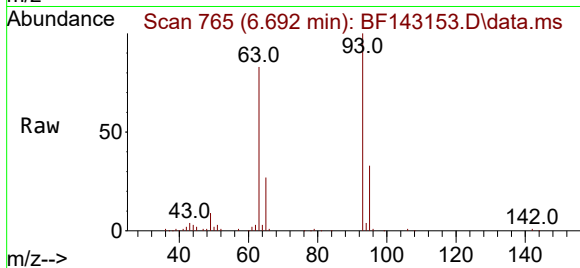
#11
bis(2-Chloroethyl)ether
Concen: 7.815 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 93 Resp: 8204
Ion Ratio Lower Upper
93 100
63 83.5 63.4 103.4
95 32.7 12.4 52.4

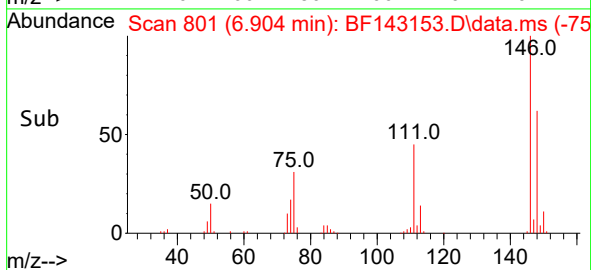
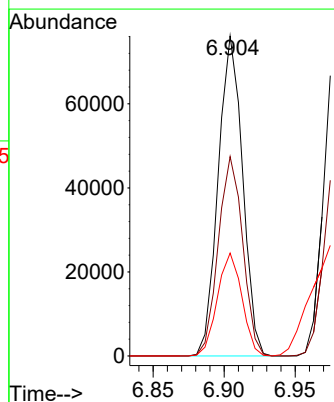
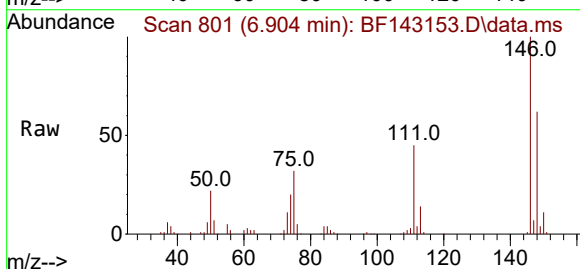
Manual Integrations
APPROVED

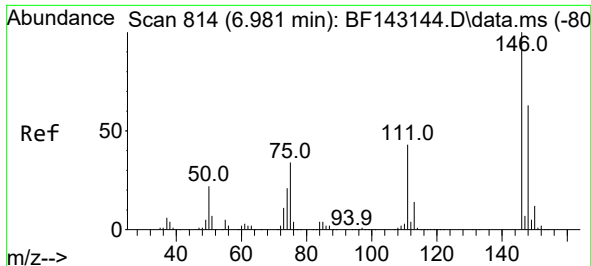
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#12
1,3-Dichlorobenzene
Concen: 7.976 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

Tgt Ion:146 Resp: 90826
Ion Ratio Lower Upper
146 100
148 62.3 50.6 76.0
75 32.1 27.4 41.2





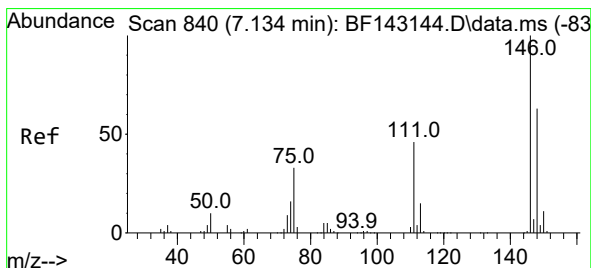
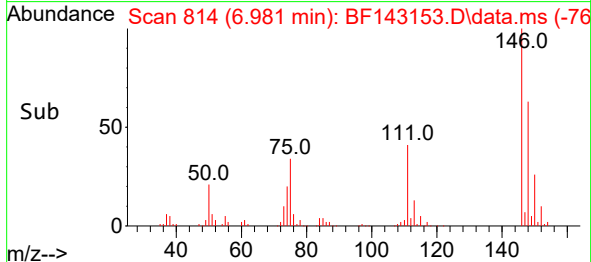
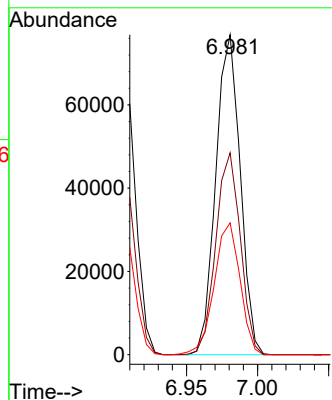
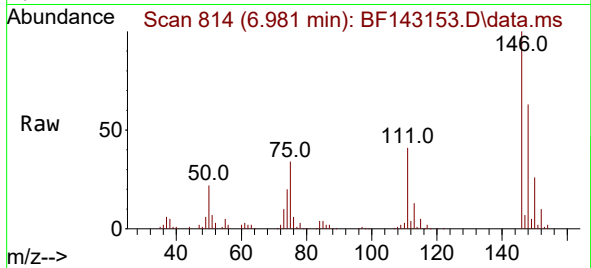
#13
1,4-Dichlorobenzene
Concen: 8.016 ng
RT: 6.981 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:146 Resp: 91924
Ion Ratio Lower Upper
146 100
148 63.1 50.3 75.5
111 41.2 34.4 51.6

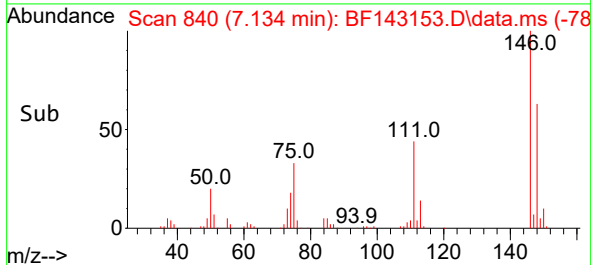
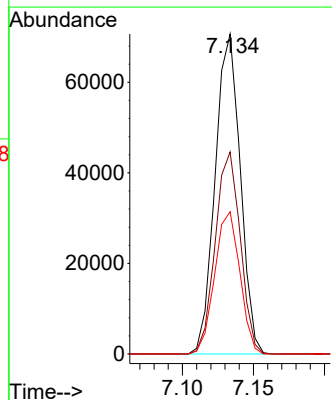
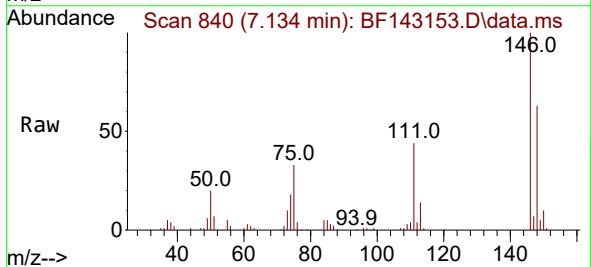
Manual Integrations
APPROVED

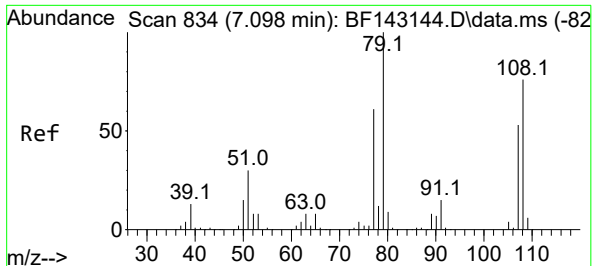
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#14
1,2-Dichlorobenzene
Concen: 7.972 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

Tgt Ion:146 Resp: 86946
Ion Ratio Lower Upper
146 100
148 63.1 50.7 76.1
111 44.5 36.6 54.8





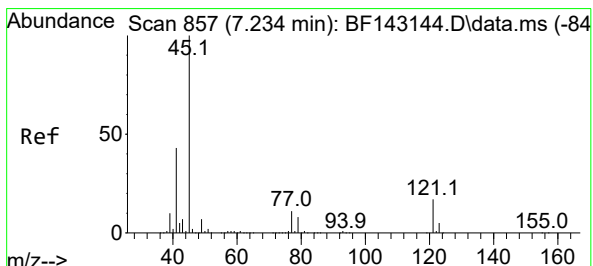
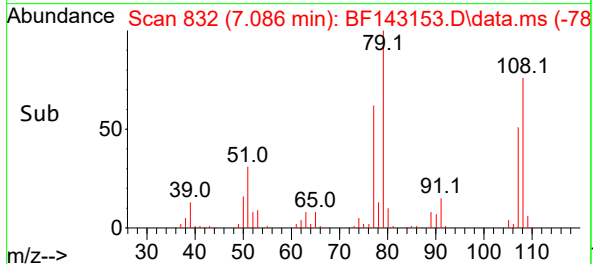
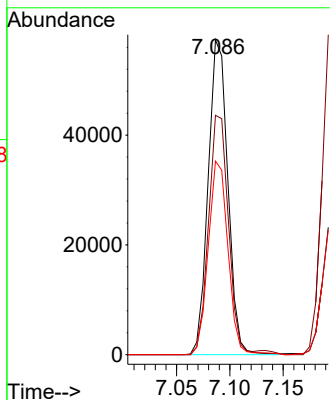
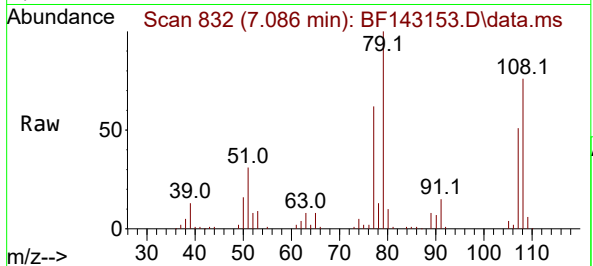
#15
Benzyl Alcohol
Concen: 7.660 ng
RT: 7.086 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 79 Resp: 7362
Ion Ratio Lower Upper
79 100
108 76.1 61.1 91.7
77 61.5 48.9 73.3

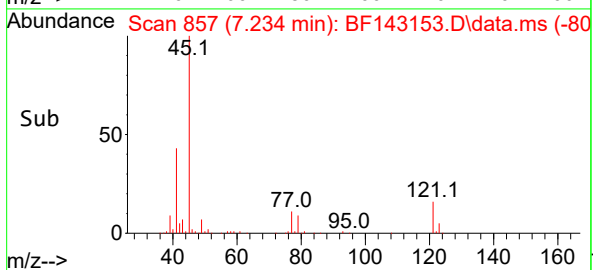
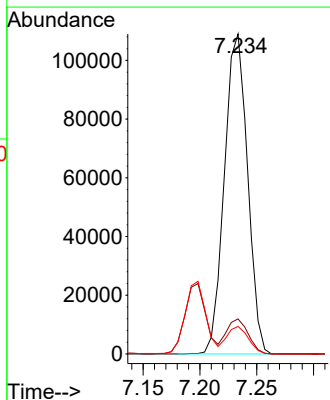
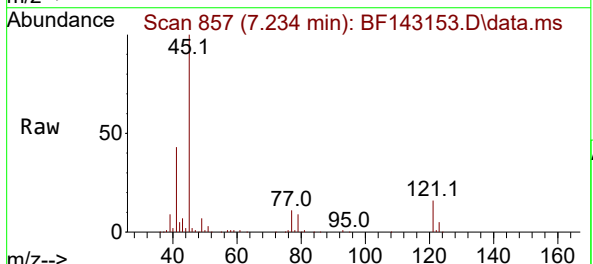
Manual Integrations
APPROVED

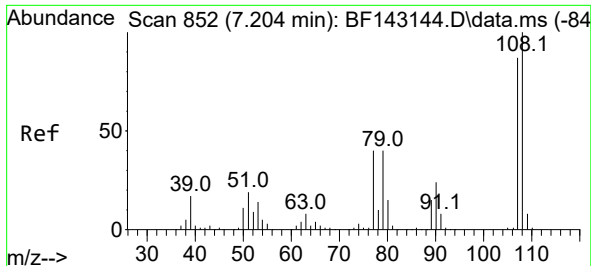
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#16
2,2'-oxybis(1-chloropropane)
Concen: 7.930 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

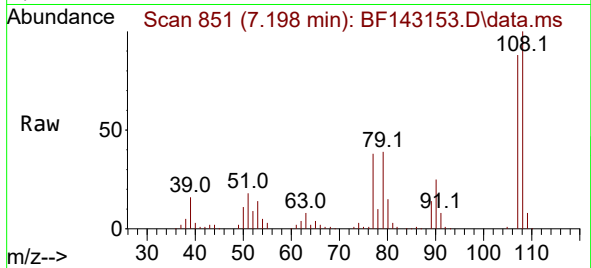
Tgt Ion: 45 Resp: 154441
Ion Ratio Lower Upper
45 100
77 11.0 0.0 31.2
79 8.6 0.0 28.5





#17
2-Methylphenol
Concen: 7.838 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

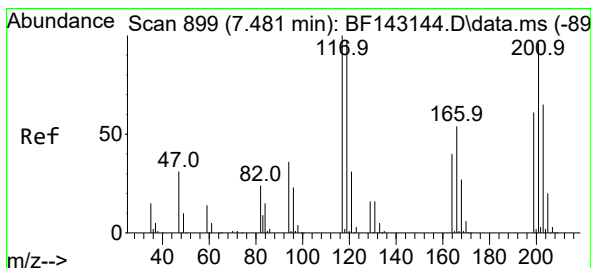
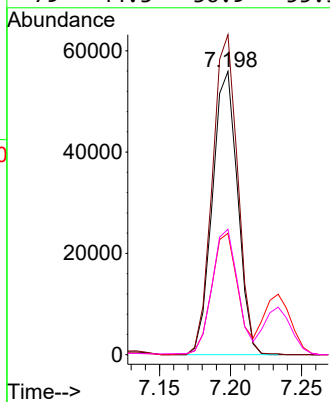
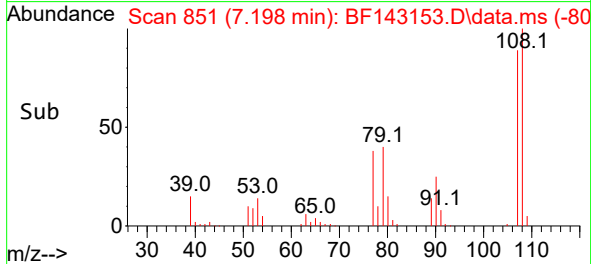
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:107 Resp: 6907
Ion Ratio Lower Upper
107 100
108 113.0 91.8 137.6
77 42.9 37.0 55.6
79 44.3 36.9 55.3

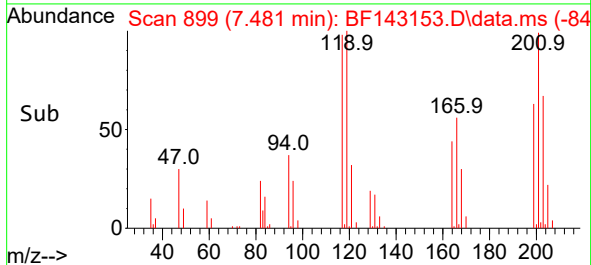
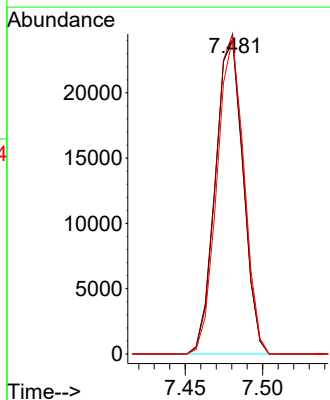
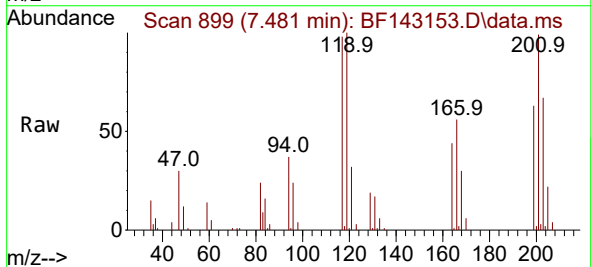
Manual Integrations
APPROVED

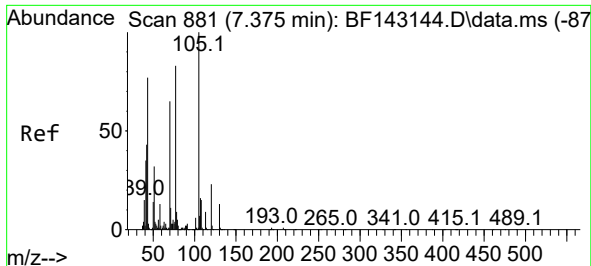
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#18
Hexachloroethane
Concen: 7.571 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

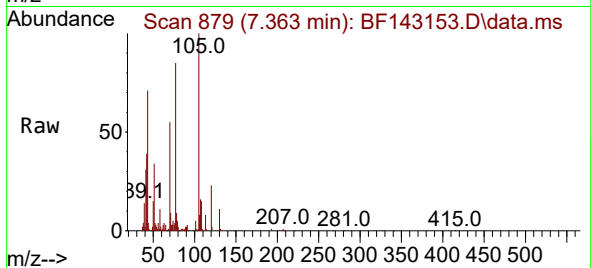
Tgt Ion:117 Resp: 30054
Ion Ratio Lower Upper
117 100
119 102.0 77.8 116.8
201 100.8 77.0 115.4





#19
n-Nitroso-di-n-propylamine
Concen: 7.891 ng
RT: 7.363 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

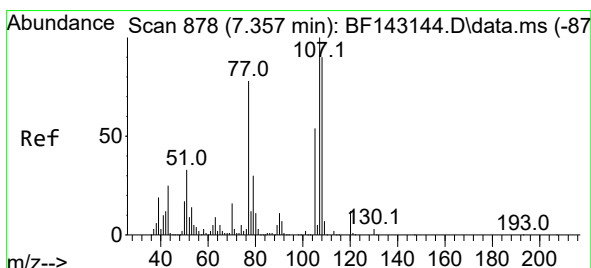
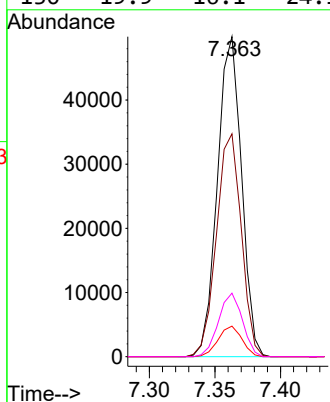
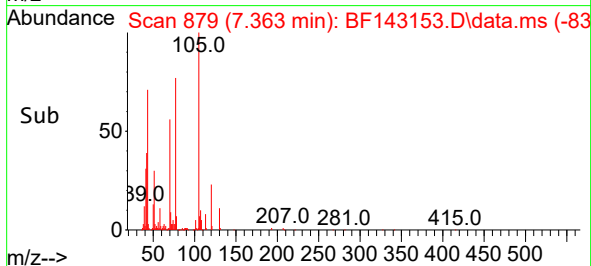
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 70 Resp: 6372
Ion Ratio Lower Upper
70 100
42 69.7 52.5 78.7
101 9.6 7.6 11.4
130 19.9 16.1 24.1

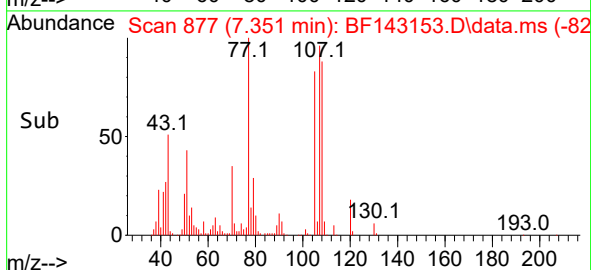
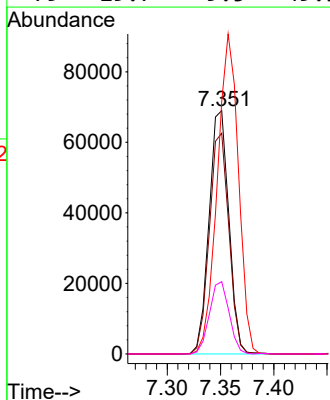
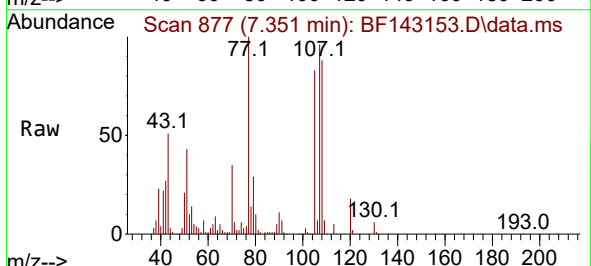
Manual Integrations
APPROVED

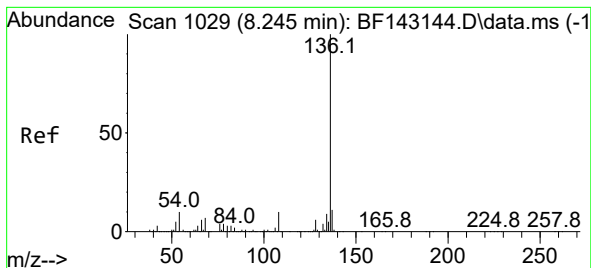
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#20
3+4-Methylphenols
Concen: 8.302 ng
RT: 7.351 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

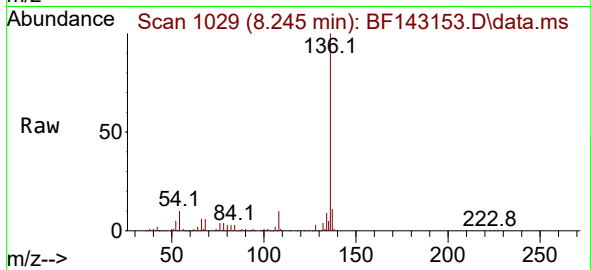
Tgt Ion:107 Resp: 88775
Ion Ratio Lower Upper
107 100
108 90.8 70.0 110.0
77 103.7 57.8 97.8#
79 29.7 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

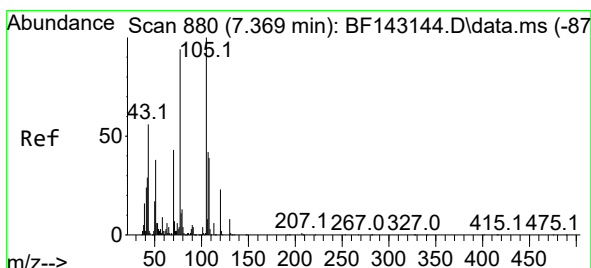
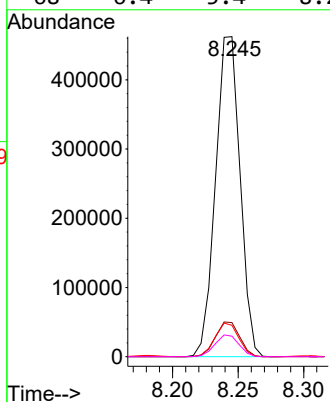
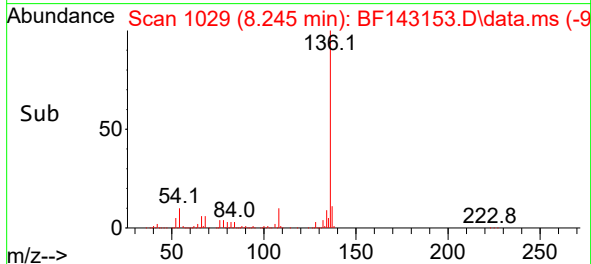
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:136 Resp: 601378
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.8 8.2 12.2
68 6.4 5.4 8.2

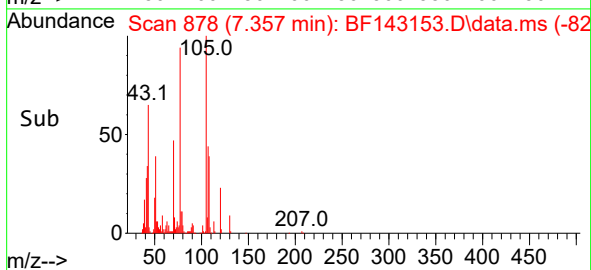
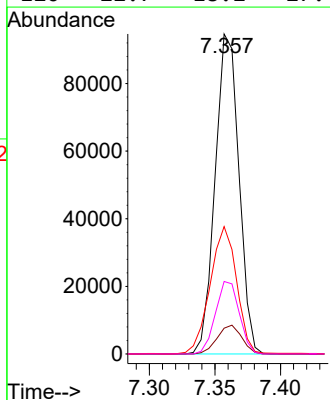
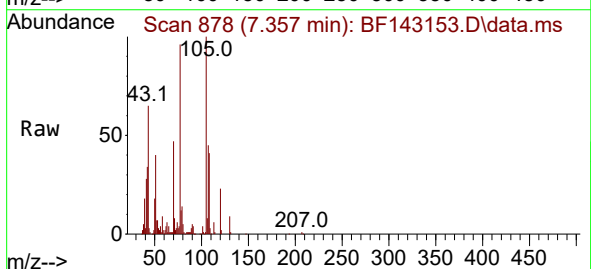
Manual Integrations
APPROVED

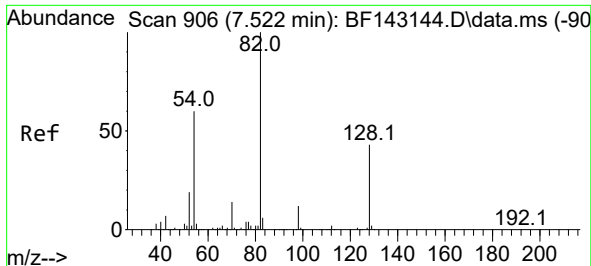
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#22
Acetophenone
Concen: 8.382 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

Tgt Ion:105 Resp: 119345
Ion Ratio Lower Upper
105 100
71 8.1 5.8 8.6
51 39.8 30.2 45.2
120 22.7 18.2 27.4





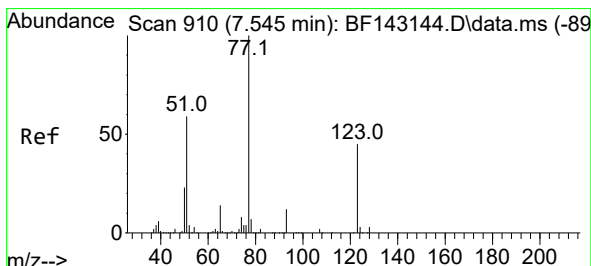
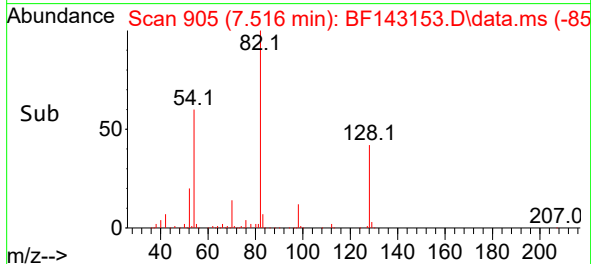
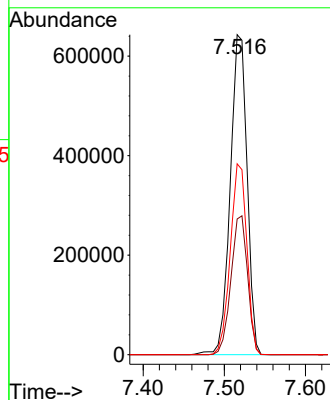
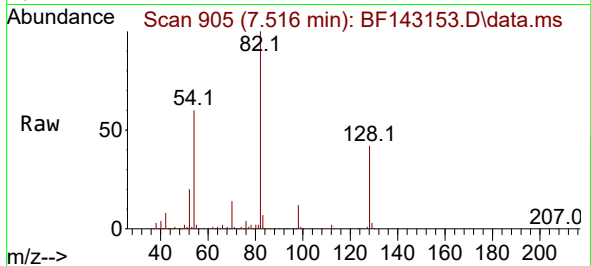
#23
Nitrobenzene-d5
Concen: 76.605 ng
RT: 7.516 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 82 Resp: 92420
Ion Ratio Lower Upper
82 100
128 42.4 33.6 50.4
54 59.6 47.1 70.7

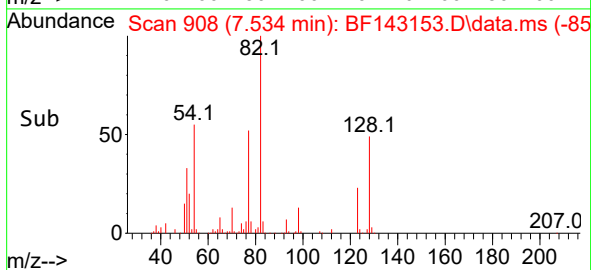
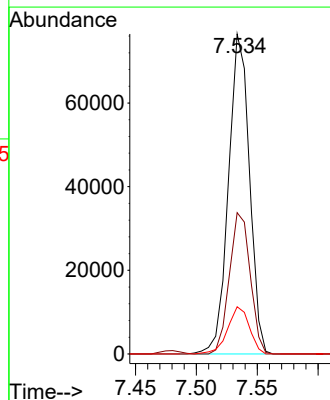
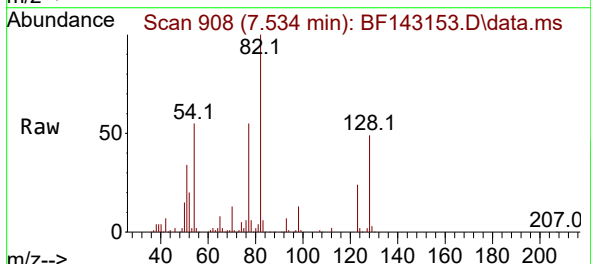
Manual Integrations
APPROVED

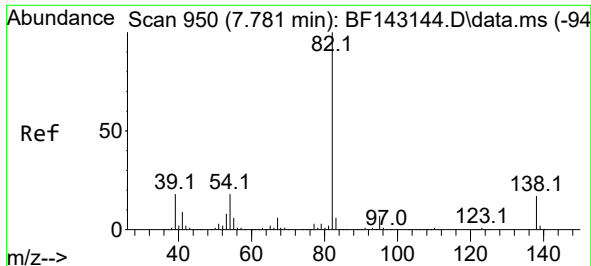
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#24
Nitrobenzene
Concen: 8.159 ng
RT: 7.534 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

Tgt Ion: 77 Resp: 91772
Ion Ratio Lower Upper
77 100
123 44.1 36.1 54.1
65 14.7 11.4 17.2





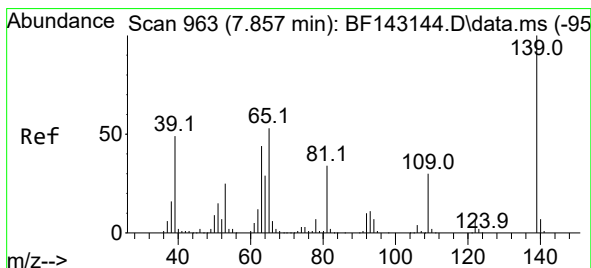
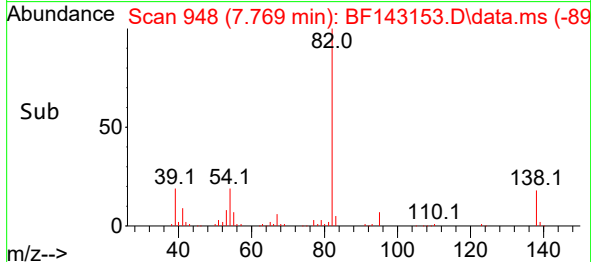
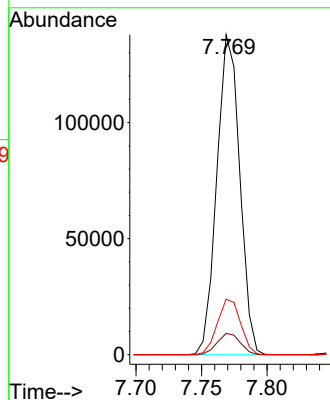
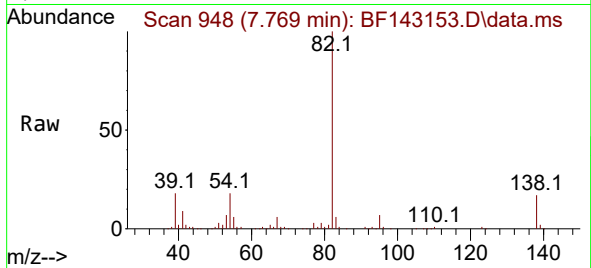
#25
Isophorone
Concen: 7.855 ng
RT: 7.769 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 82 Resp: 167284
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.3 13.8 20.8

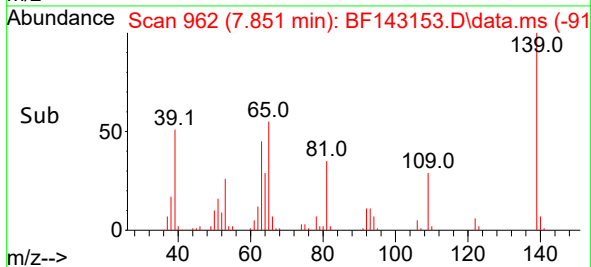
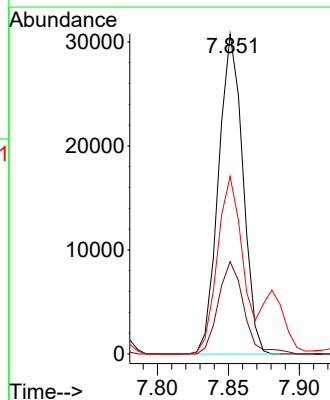
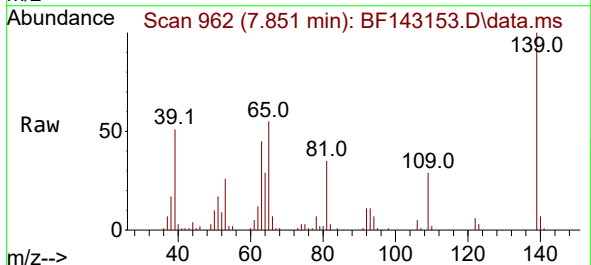
Manual Integrations
APPROVED

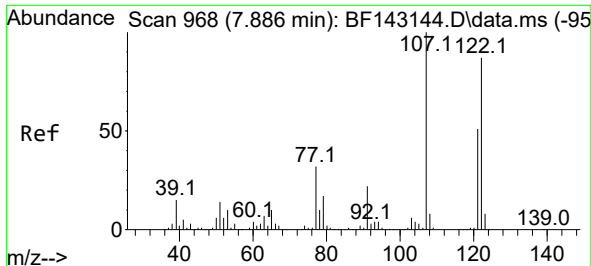
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#26
2-Nitrophenol
Concen: 7.500 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

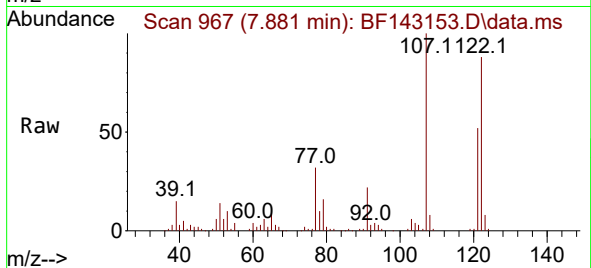
Tgt Ion:139 Resp: 36612
Ion Ratio Lower Upper
139 100
109 28.9 23.6 35.4
65 55.5 42.6 64.0





#27
2,4-Dimethylphenol
Concen: 7.416 ng
RT: 7.881 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

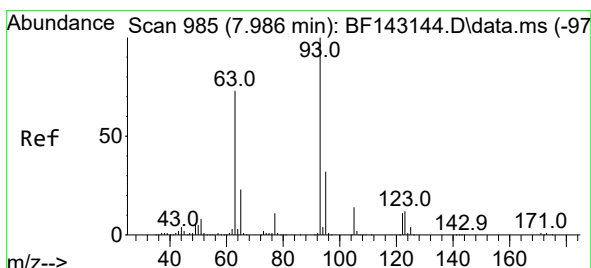
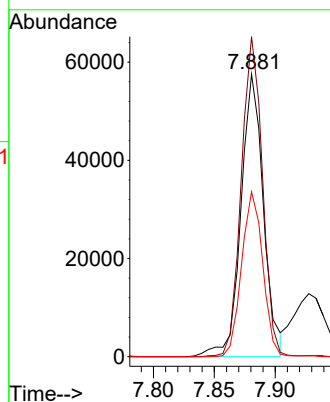
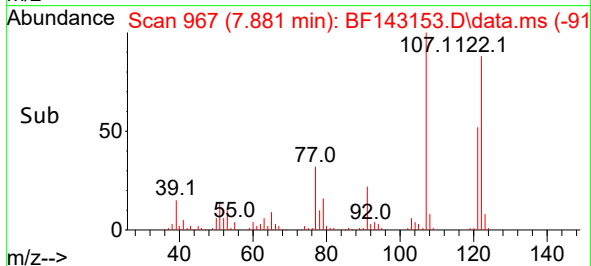
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:122 Resp: 73789
Ion Ratio Lower Upper
122 100
107 113.3 91.8 137.6
121 58.4 46.3 69.5

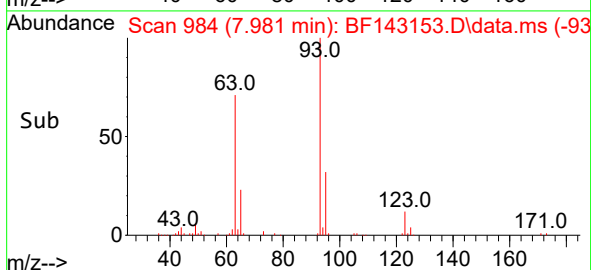
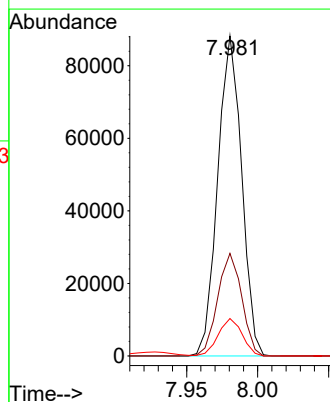
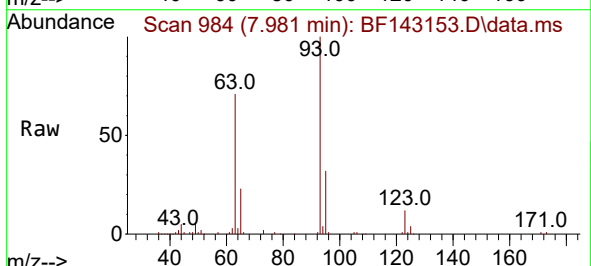
Manual Integrations
APPROVED

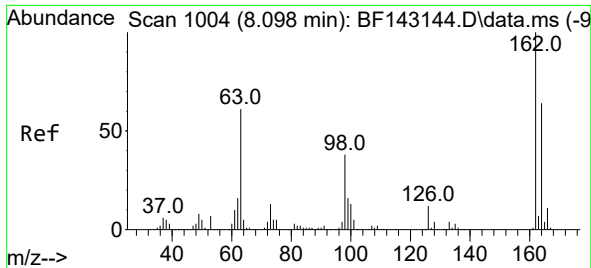
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#28
bis(2-Chloroethoxy)methane
Concen: 8.080 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

Tgt Ion: 93 Resp: 103180
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.6
123 11.7 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 7.871 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF143153.D

Acq: 17 Jul 2025 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2025

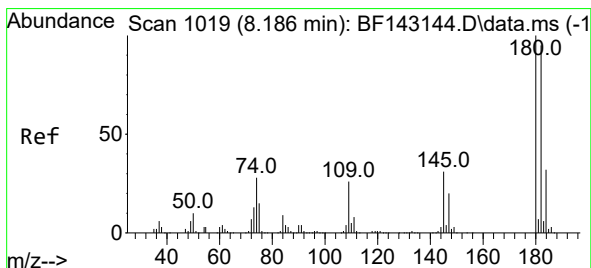
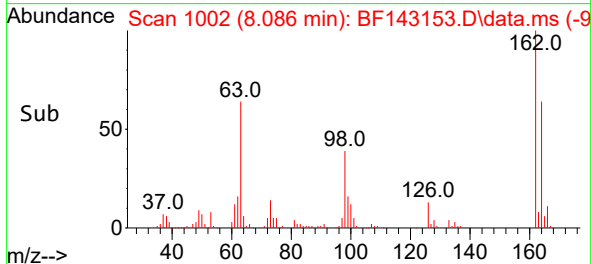
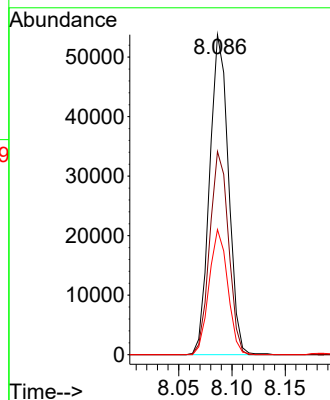
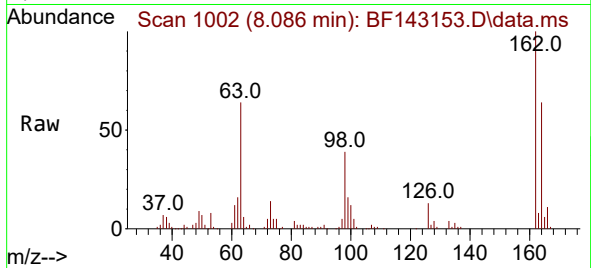
Tgt Ion:162	Resp:	6605
Ion Ratio	Lower	Upper
162	100	
164	63.5	44.2 84.2
98	39.1	17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 8.033 ng

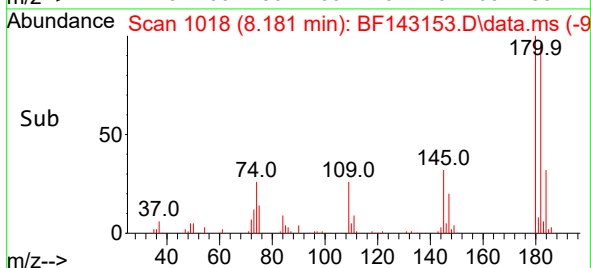
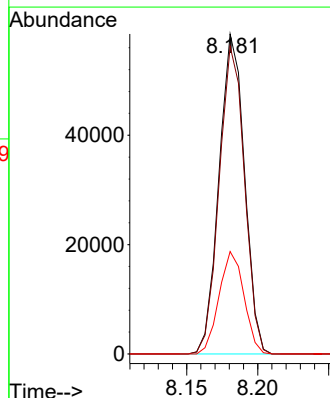
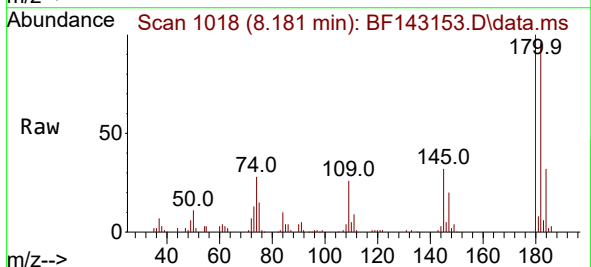
RT: 8.181 min Scan# 1018

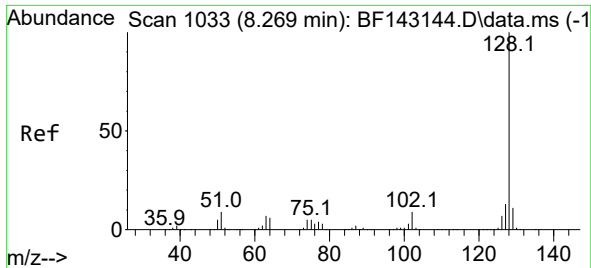
Delta R.T. -0.006 min

Lab File: BF143153.D

Acq: 17 Jul 2025 17:37

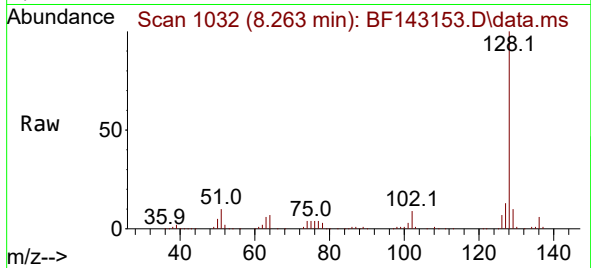
Tgt Ion:180	Resp:	72824
Ion Ratio	Lower	Upper
180	100	
182	96.1	76.2 114.2
145	32.0	25.0 37.6





#31
Naphthalene
Concen: 8.358 ng
RT: 8.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

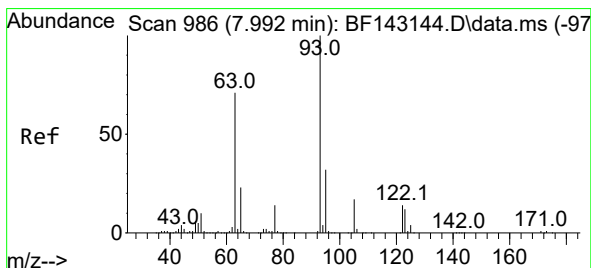
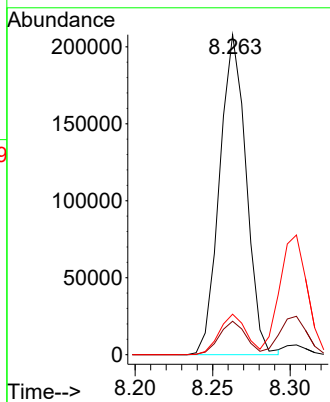
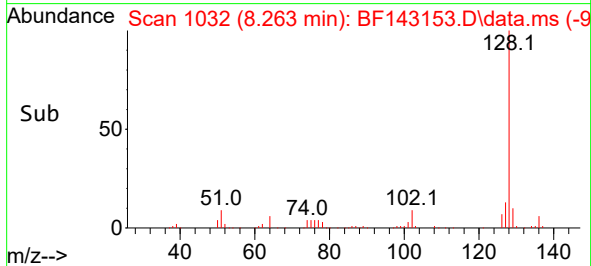
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:128 Resp: 247548
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.4
127 12.7 10.6 16.0

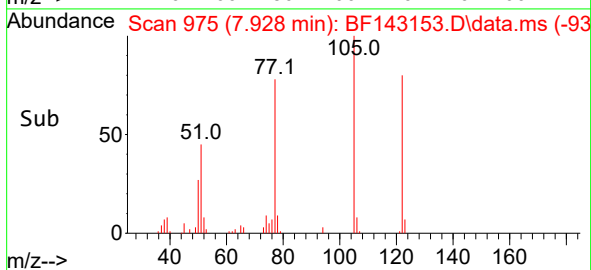
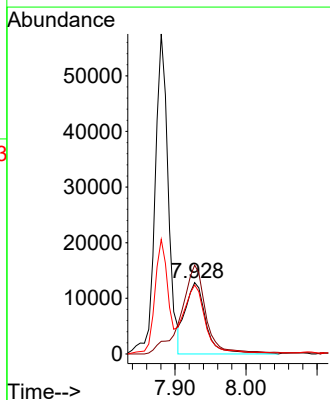
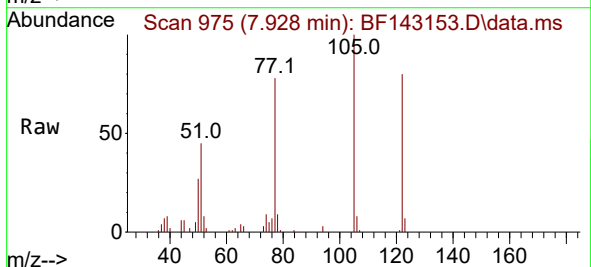
Manual Integrations
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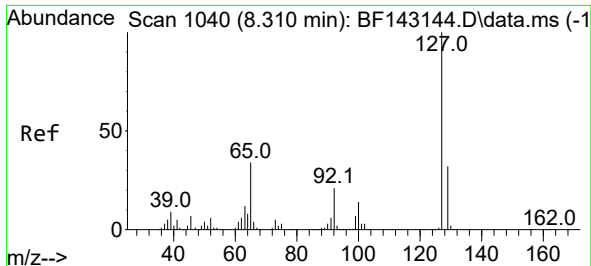
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#32
Benzoic acid
Concen: 9.301 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.064 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

Tgt Ion:122 Resp: 25905
Ion Ratio Lower Upper
122 100
105 124.2 104.8 144.8
77 96.4 77.6 117.6





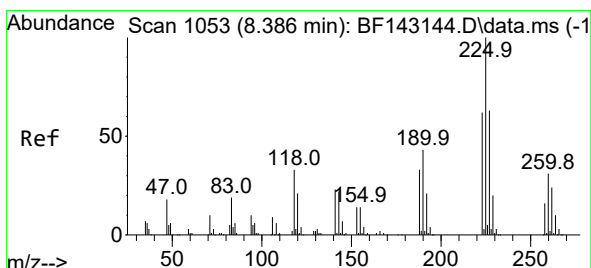
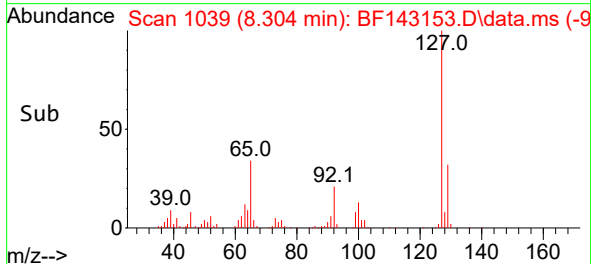
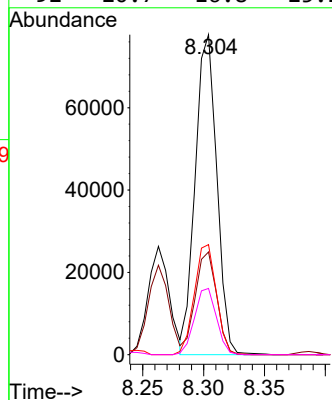
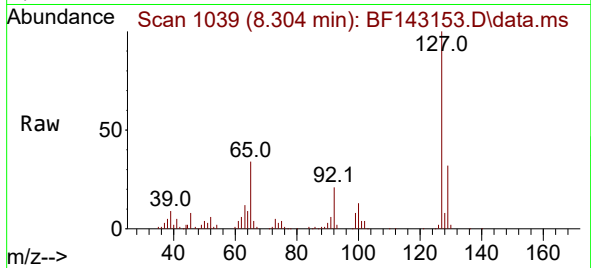
#33
4-Chloroaniline
Concen: 7.941 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion:	127	Resp:	9603
Ion Ratio	Lower	Upper	
127	100		
129	32.1	26.0	39.0
65	34.4	27.4	41.2
92	20.7	16.8	25.2

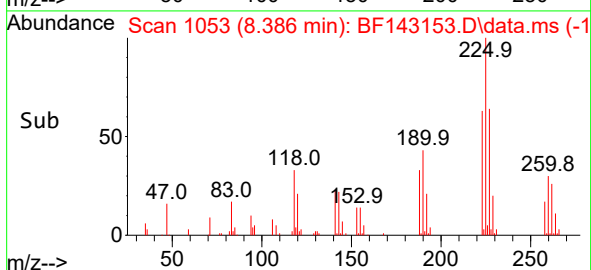
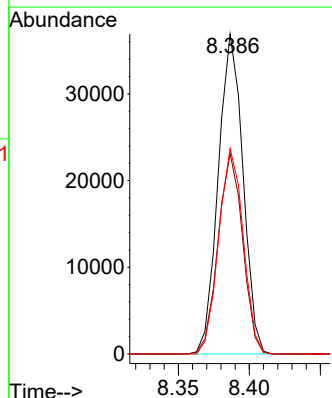
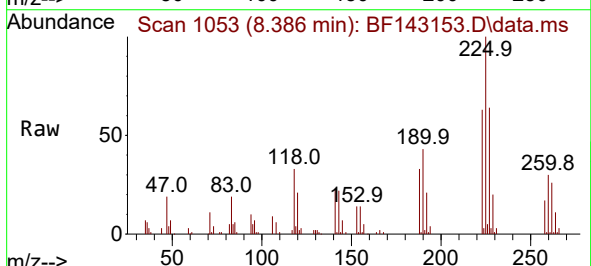
Manual Integrations
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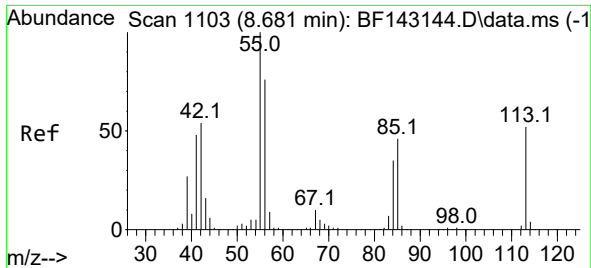
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#34
Hexachlorobutadiene
Concen: 8.040 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

Tgt Ion:	225	Resp:	44527
Ion Ratio	Lower	Upper	
225	100		
223	62.6	49.8	74.6
227	64.2	50.2	75.4





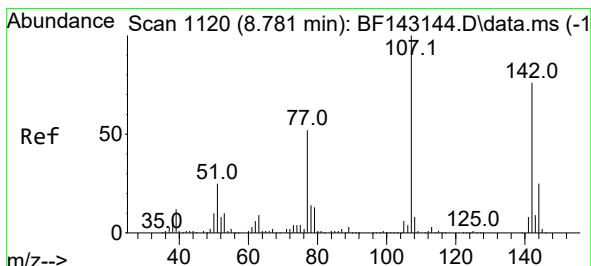
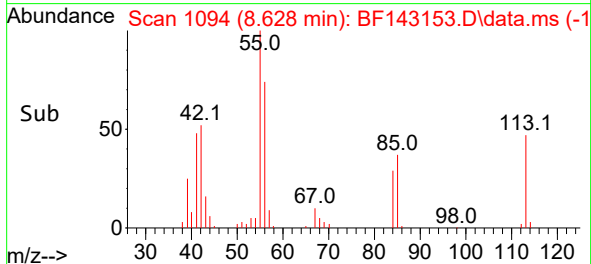
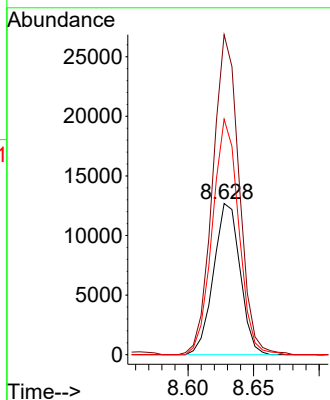
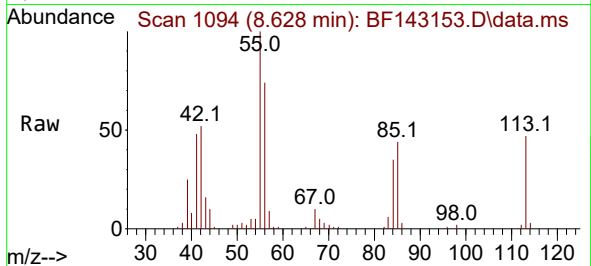
#35
 Caprolactam
 Concen: 7.026 ng
 RT: 8.628 min Scan# 1103
 Delta R.T. -0.053 min
 Lab File: BF143153.D
 Acq: 17 Jul 2025 17:37

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Tgt Ion:113 Resp: 17810
 Ion Ratio Lower Upper
 113 100
 55 211.7 174.0 214.0
 56 155.8 126.6 166.6

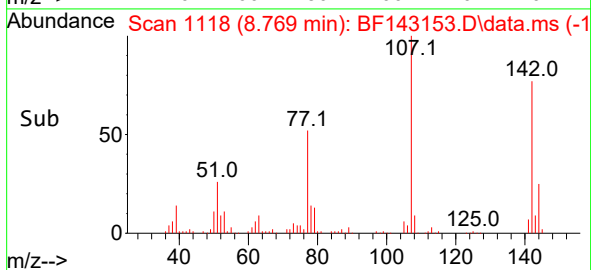
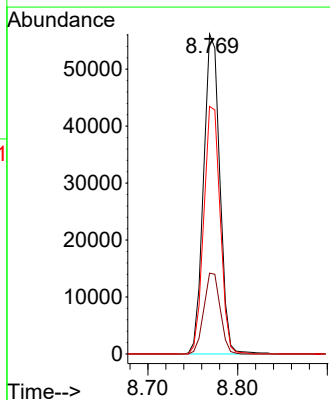
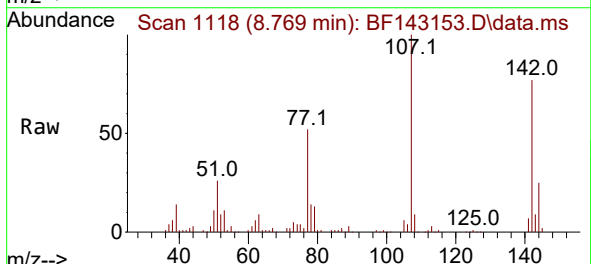
Manual Integrations
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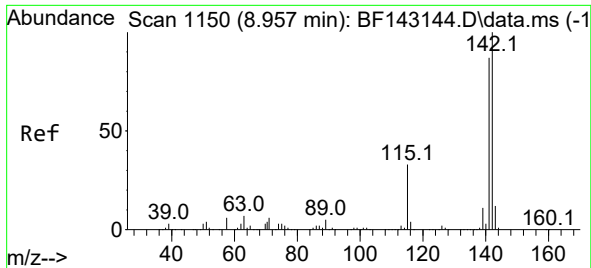
Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025



#36
 4-Chloro-3-methylphenol
 Concen: 7.751 ng
 RT: 8.769 min Scan# 1118
 Delta R.T. -0.012 min
 Lab File: BF143153.D
 Acq: 17 Jul 2025 17:37

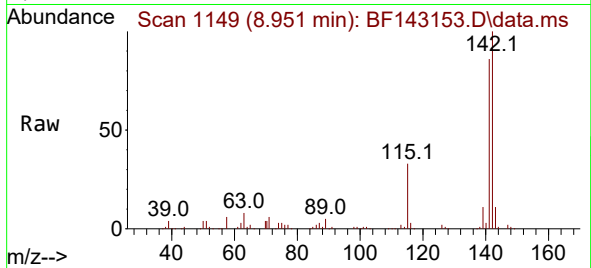
Tgt Ion:107 Resp: 70696
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.8 29.6
 142 77.3 60.6 90.8





#37
2-Methylnaphthalene
Concen: 8.346 ng
RT: 8.951 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

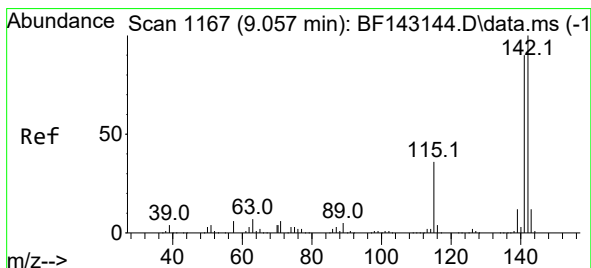
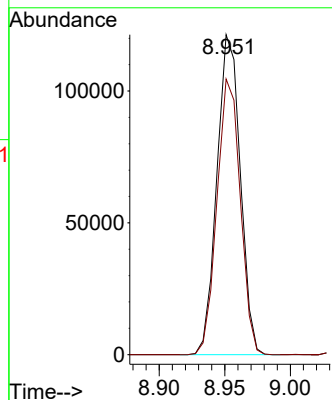
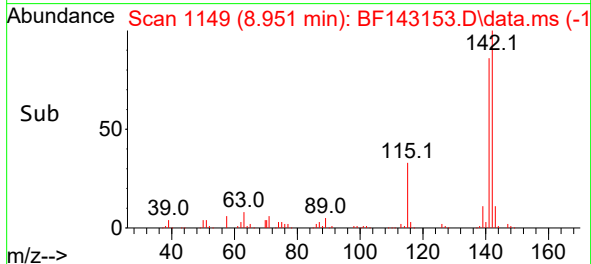
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:142 Resp: 150415
Ion Ratio Lower Upper
142 100
141 86.2 69.9 104.9

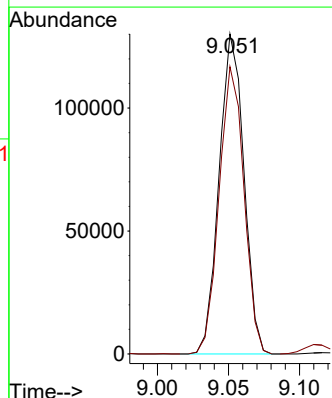
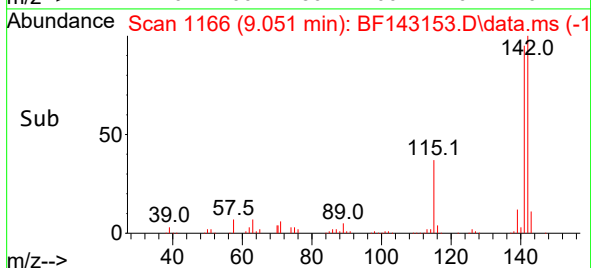
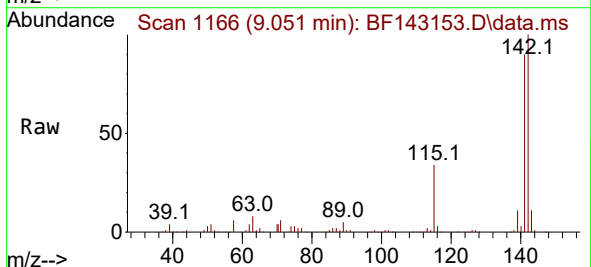
Manual Integrations
APPROVED

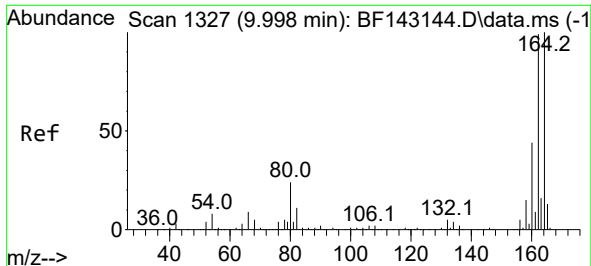
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#38
1-Methylnaphthalene
Concen: 8.508 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

Tgt Ion:142 Resp: 157900
Ion Ratio Lower Upper
142 100
141 89.8 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143153.D

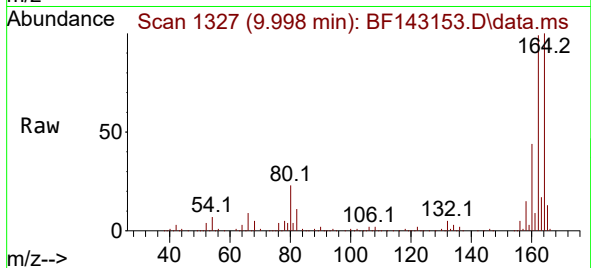
Acq: 17 Jul 2025 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2025



Tgt Ion:164 Resp: 309174

Ion Ratio Lower Upper

164 100

162 98.7 79.0 118.6

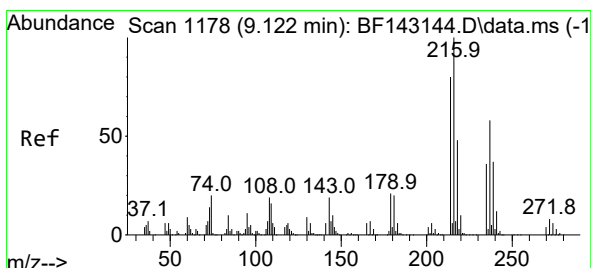
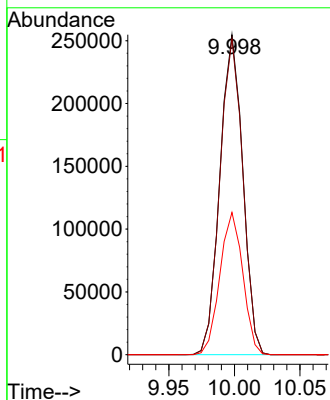
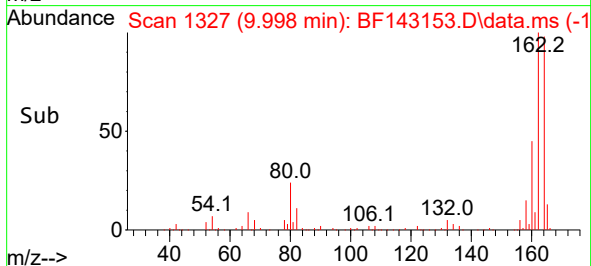
160 44.4 35.1 52.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.435 ng

RT: 9.122 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF143153.D

Acq: 17 Jul 2025 17:37

Tgt Ion:216 Resp: 75294

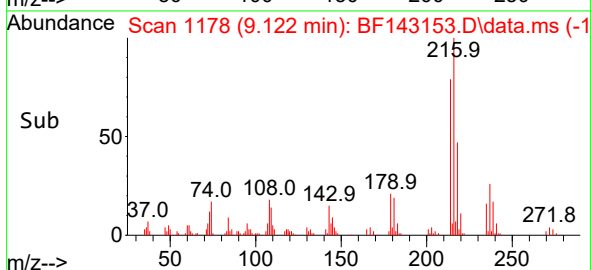
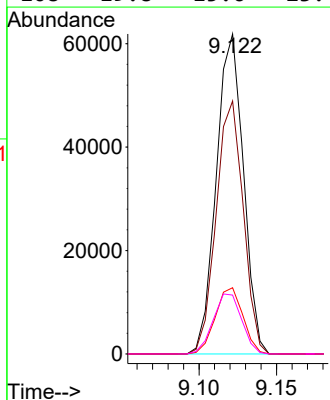
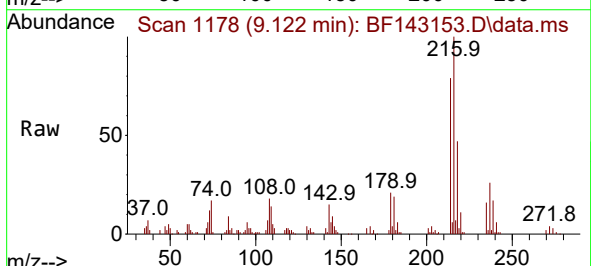
Ion Ratio Lower Upper

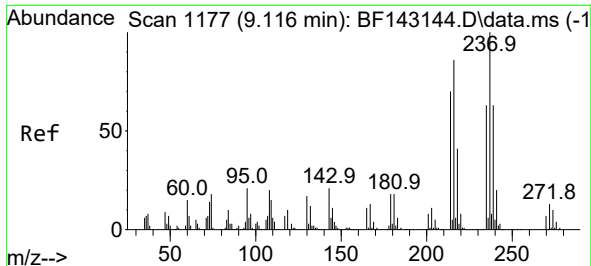
216 100

214 78.9 63.8 95.8

179 21.2 16.4 24.6

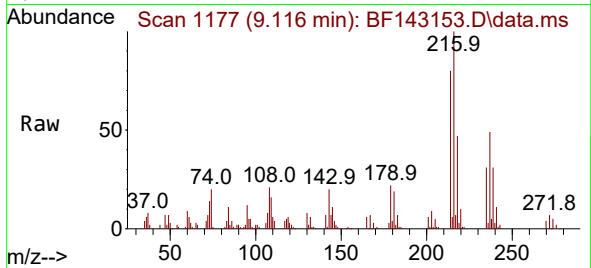
108 19.8 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 5.805 ng
RT: 9.116 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

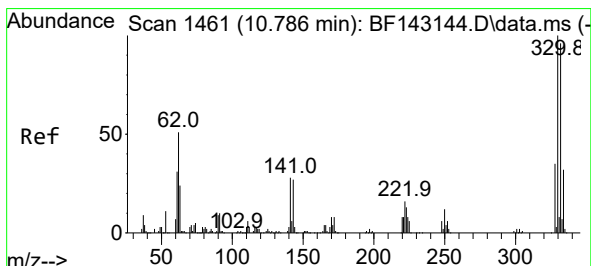
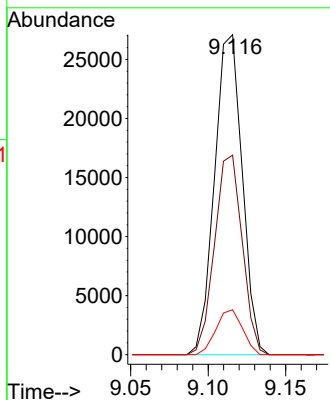
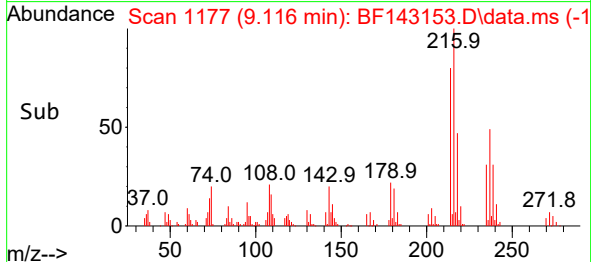
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



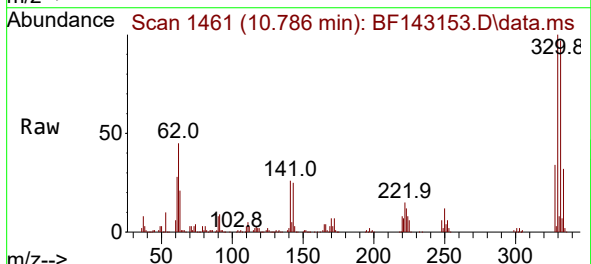
Tgt Ion:237 Resp: 3371
Ion Ratio Lower Upper
237 100
235 62.3 43.0 83.0
272 14.1 0.0 33.3

Manual Integrations
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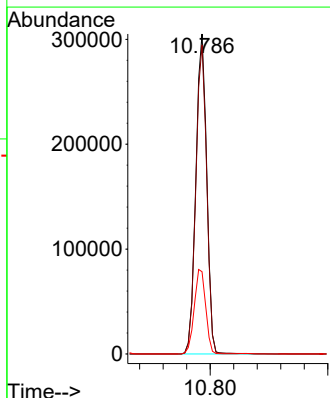
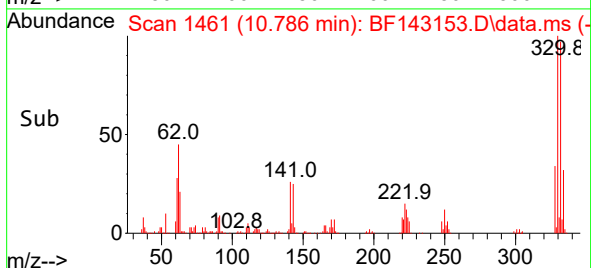
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

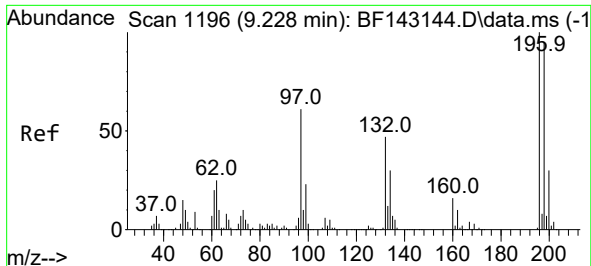


#42
2,4,6-Tribromophenol
Concen: 122.604 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37



Tgt Ion:330 Resp: 391589
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 27.8 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 8.100 ng

RT: 9.227 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF143153.D

Acq: 17 Jul 2025 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2025

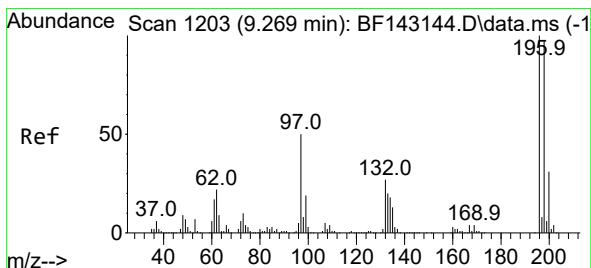
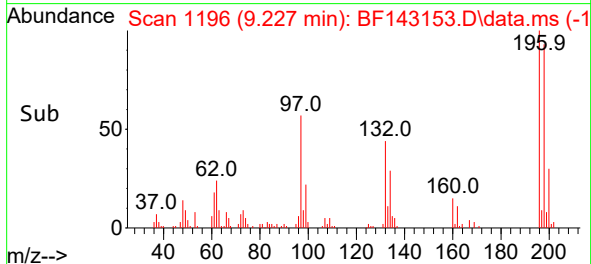
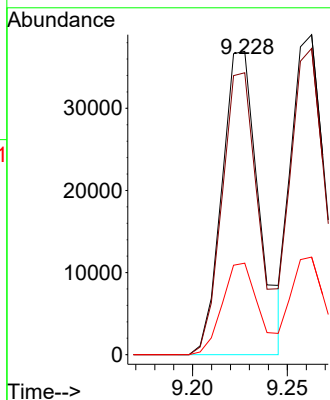
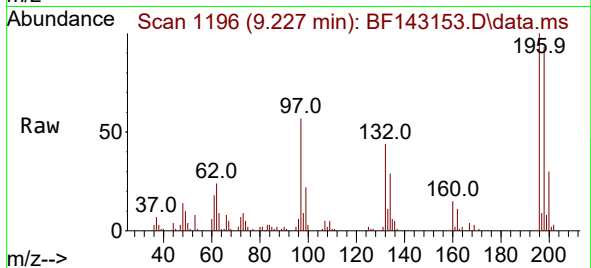
Tgt Ion:196 Resp: 50040
 Ion Ratio Lower Upper
 196 100
 198 92.9 76.2 114.2
 200 30.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

Concen: 7.714 ng

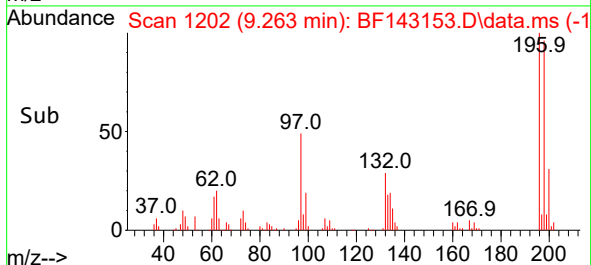
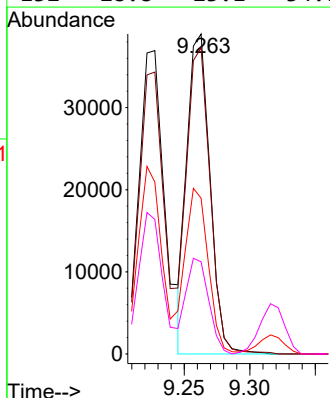
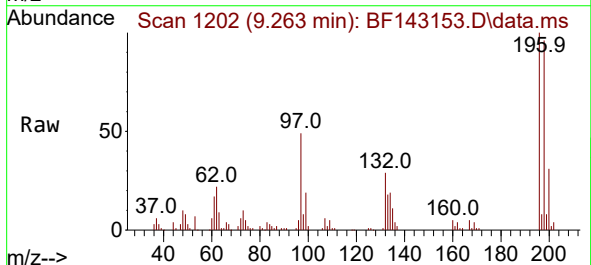
RT: 9.263 min Scan# 1202

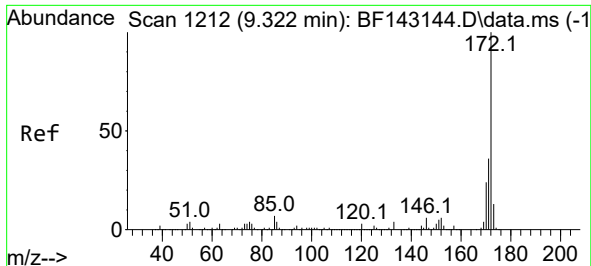
Delta R.T. -0.006 min

Lab File: BF143153.D

Acq: 17 Jul 2025 17:37

Tgt Ion:196 Resp: 47670
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.3 115.9
 97 48.7 40.3 60.5
 132 28.8 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 72.542 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143153.D

Acq: 17 Jul 2025 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:172 Resp: 1639929

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

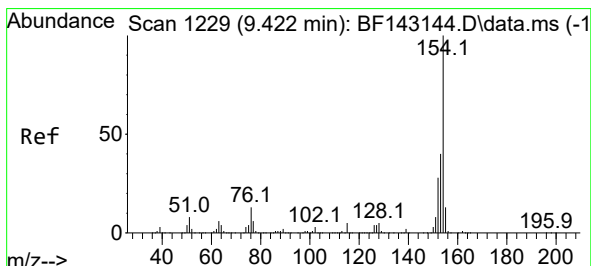
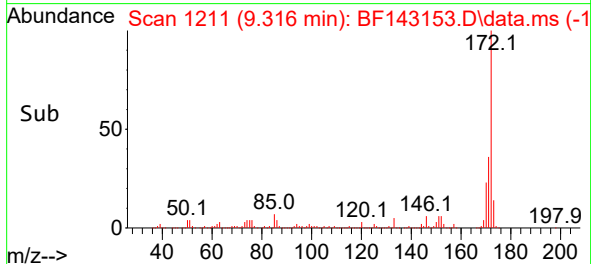
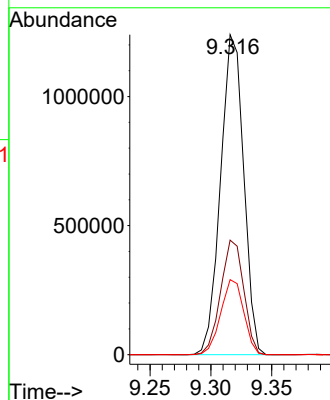
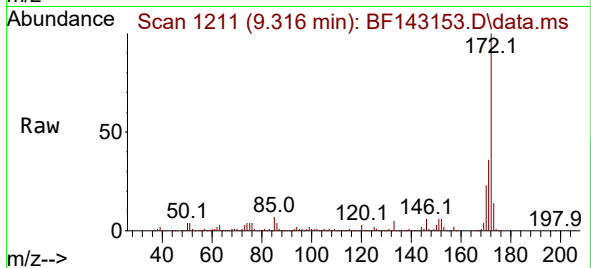
170 23.4 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#46

1,1'-Biphenyl

Concen: 8.416 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143153.D

Acq: 17 Jul 2025 17:37

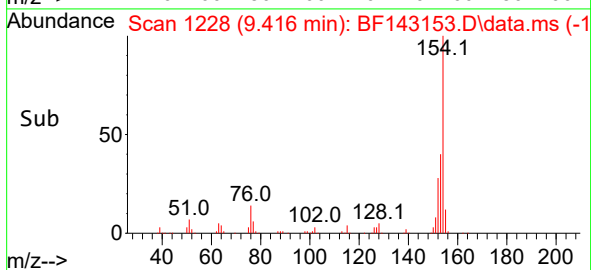
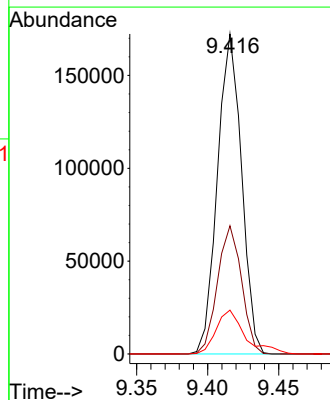
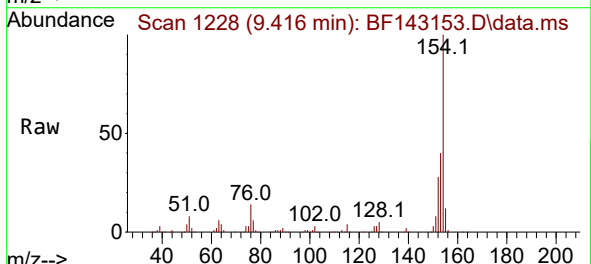
Tgt Ion:154 Resp: 203015

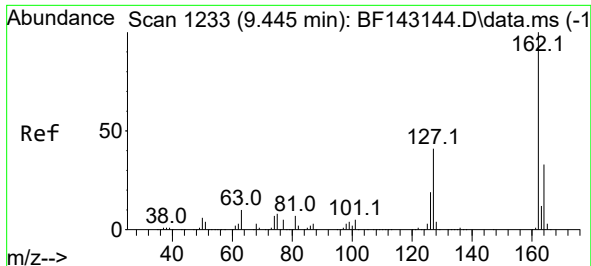
Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

76 13.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 8.308 ng

RT: 9.439 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF143153.D

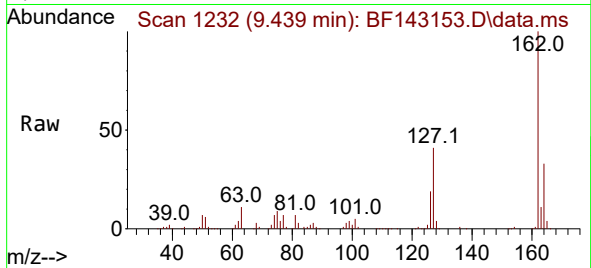
Acq: 17 Jul 2025 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2025



Tgt Ion:162 Resp: 148278

Ion Ratio Lower Upper

162 100

127 40.7 33.4 50.2

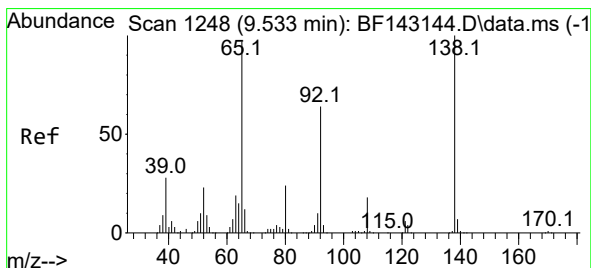
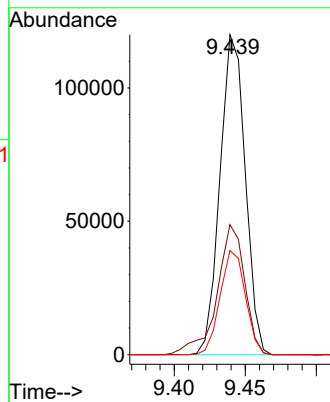
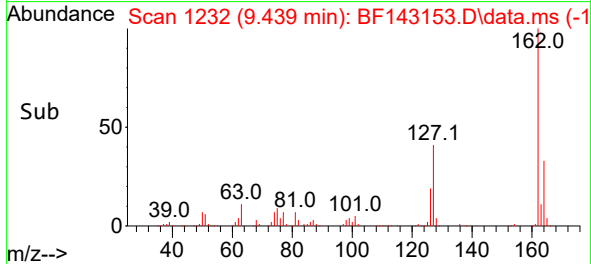
164 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#48

2-Nitroaniline

Concen: 7.747 ng

RT: 9.522 min Scan# 1246

Delta R.T. -0.012 min

Lab File: BF143153.D

Acq: 17 Jul 2025 17:37

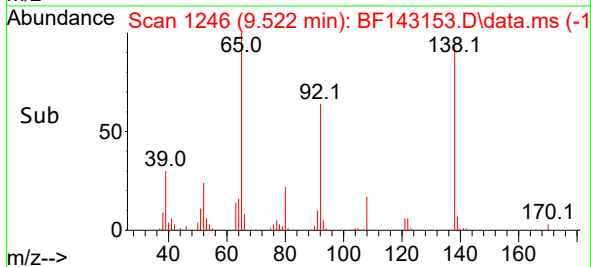
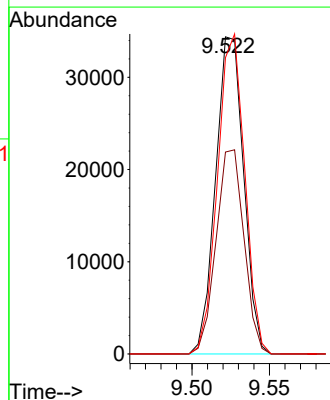
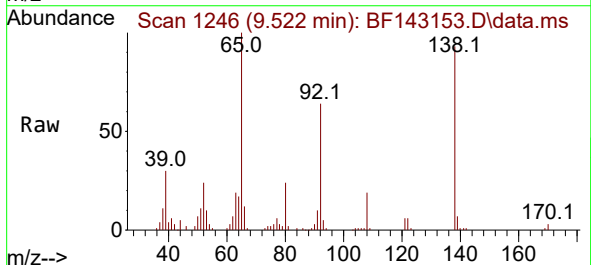
Tgt Ion: 65 Resp: 43361

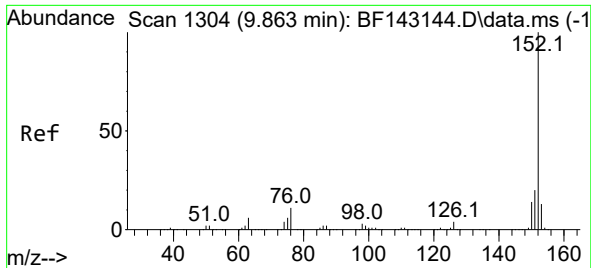
Ion Ratio Lower Upper

65 100

92 63.7 52.4 78.6

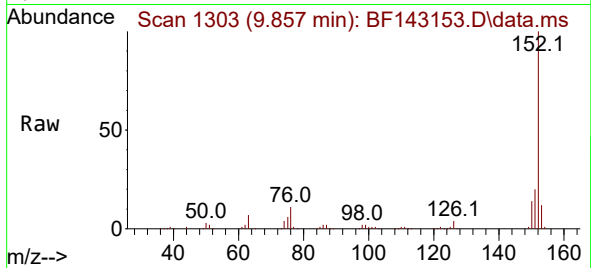
138 93.4 82.3 123.5





#49
Acenaphthylene
Concen: 8.163 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

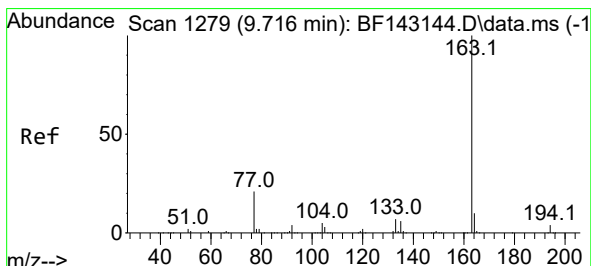
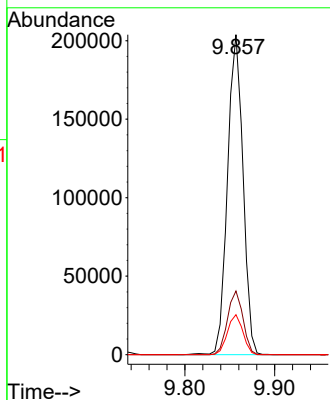
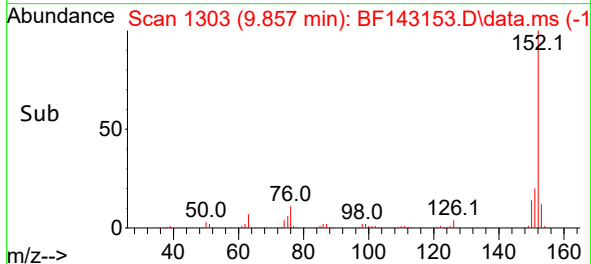
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



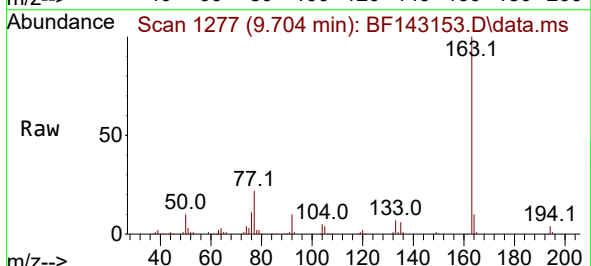
Tgt Ion:152 Resp: 244162
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 12.5 10.6 16.0

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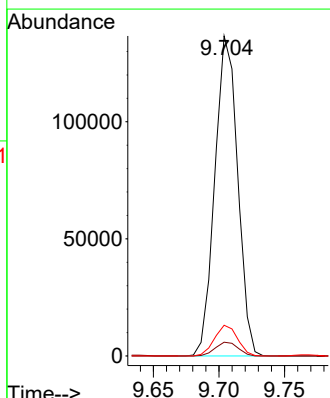
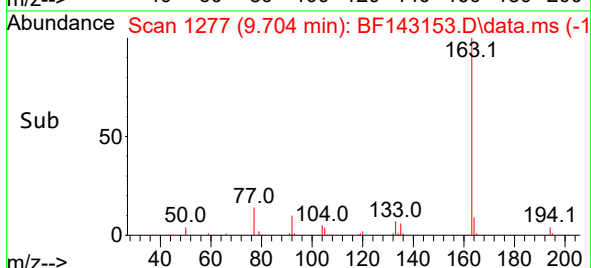
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

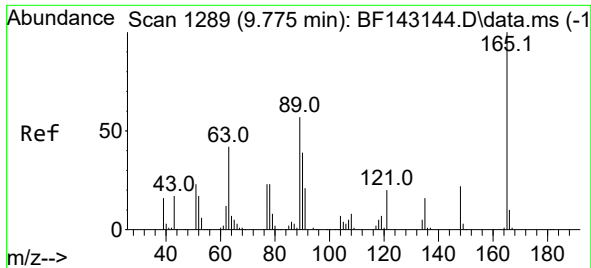


#50
Dimethylphthalate
Concen: 8.213 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37



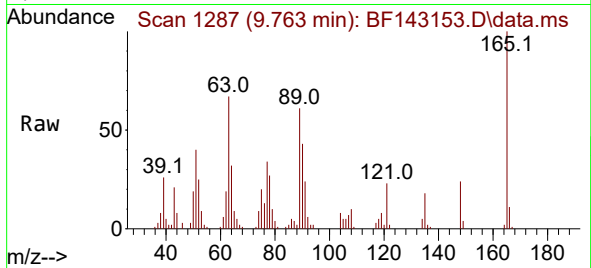
Tgt Ion:163 Resp: 165521
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 9.6 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 7.770 ng
RT: 9.763 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

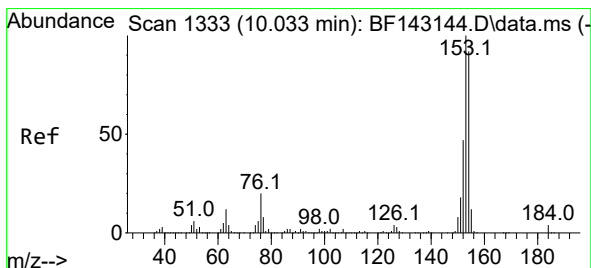
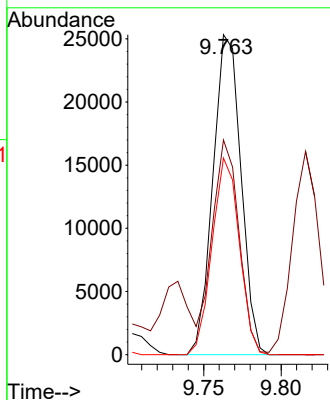
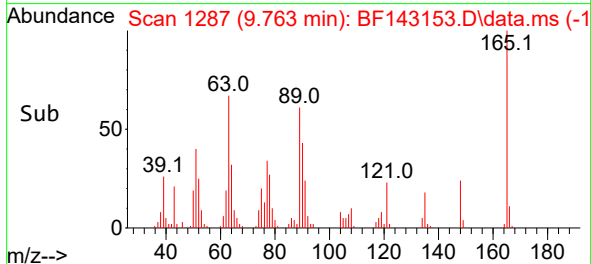
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:165 Resp: 3185
Ion Ratio Lower Upper
165 100
63 67.1 49.4 74.2
89 61.4 46.2 69.2

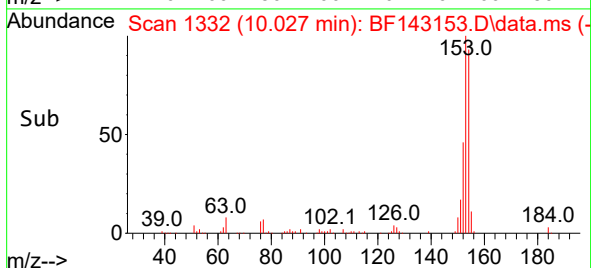
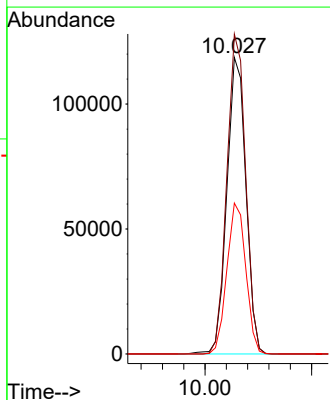
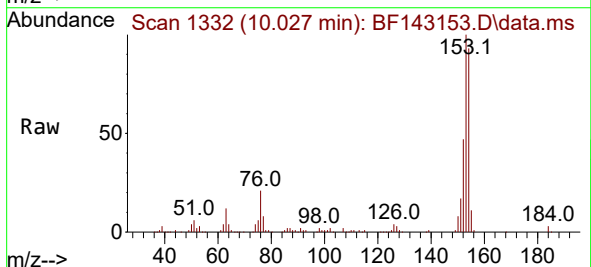
Manual Integrations
APPROVED

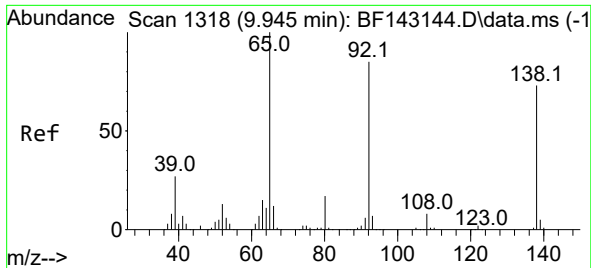
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#52
Acenaphthene
Concen: 8.345 ng
RT: 10.027 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

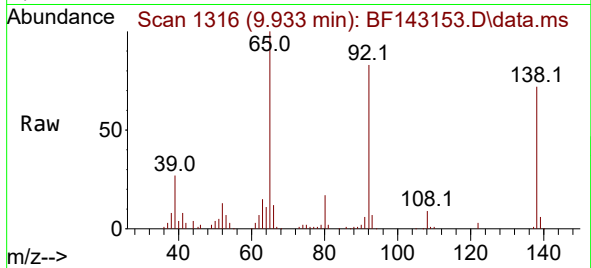
Tgt Ion:154 Resp: 147525
Ion Ratio Lower Upper
154 100
153 107.9 86.6 129.8
152 50.9 40.4 60.6





#53
3-Nitroaniline
Concen: 7.785 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

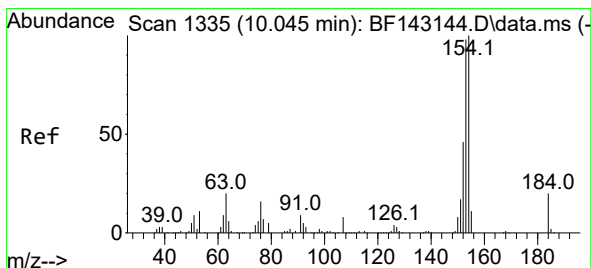
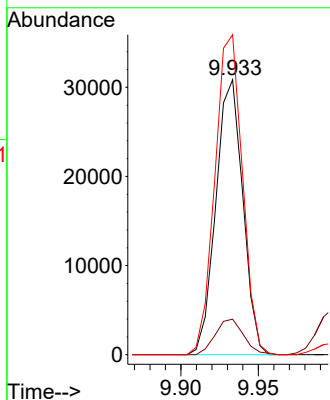
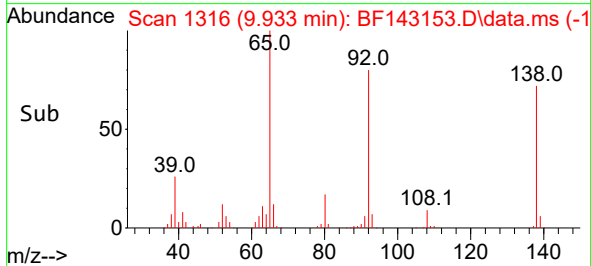
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:138 Resp: 37329
Ion Ratio Lower Upper
138 100
108 13.0 9.0 13.6
92 116.4 93.0 139.4

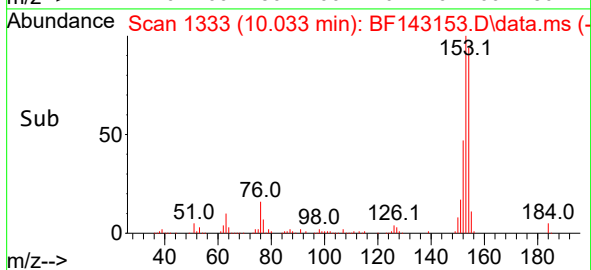
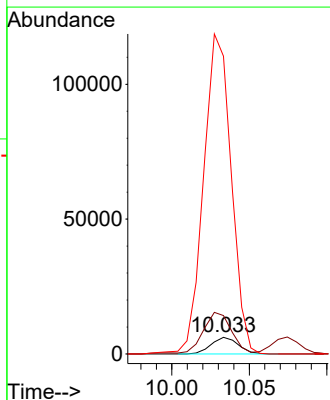
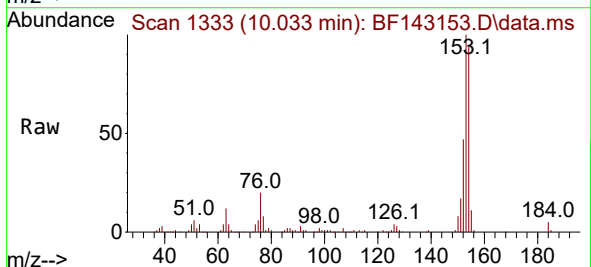
Manual Integrations
APPROVED

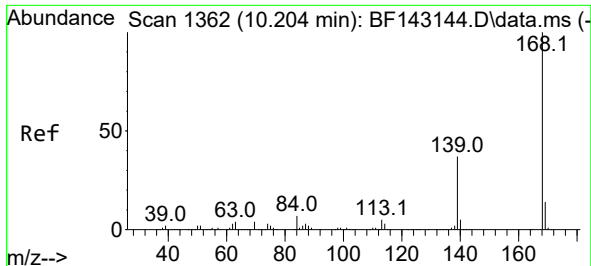
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#54
2,4-Dinitrophenol
Concen: 10.368 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

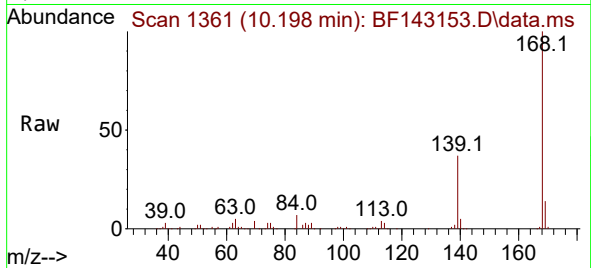
Tgt Ion:184 Resp: 7508
Ion Ratio Lower Upper
184 100
63 230.1 81.8 122.6#
154 1782.9 412.2 618.4#





#55
Dibenzenofuran
Concen: 8.230 ng
RT: 10.198 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

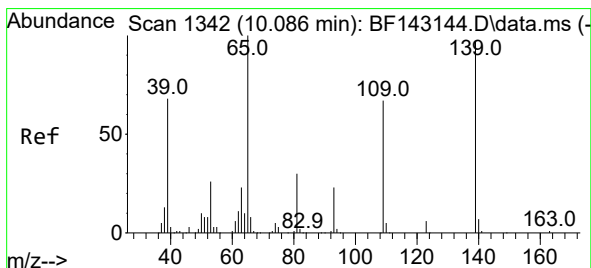
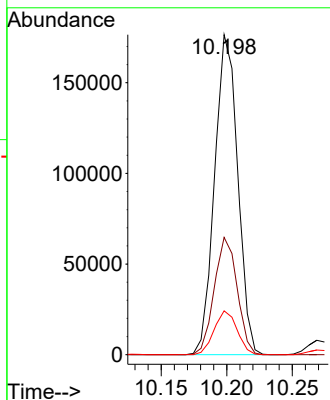
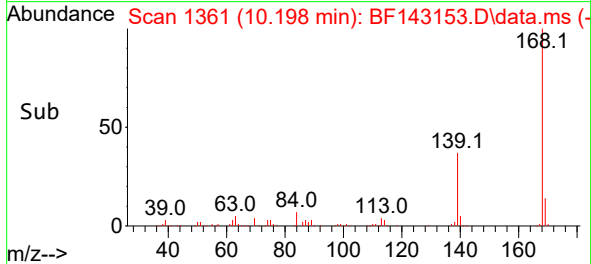
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2025



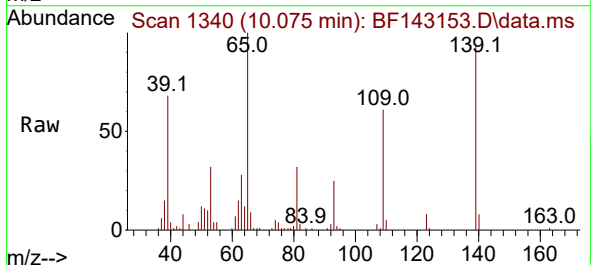
Tgt Ion:168 Resp: 216009
Ion Ratio Lower Upper
168 100
139 36.7 29.5 44.3
169 13.7 10.9 16.3

Manual Integrations
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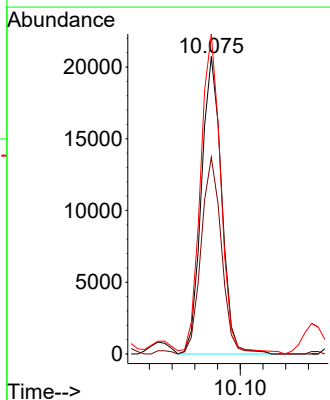
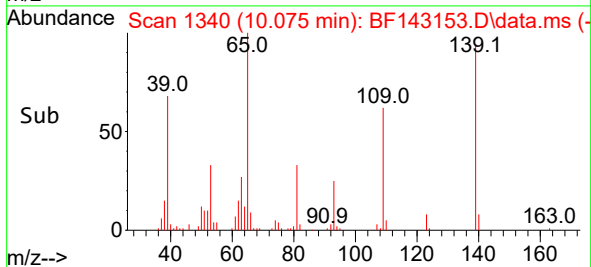
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

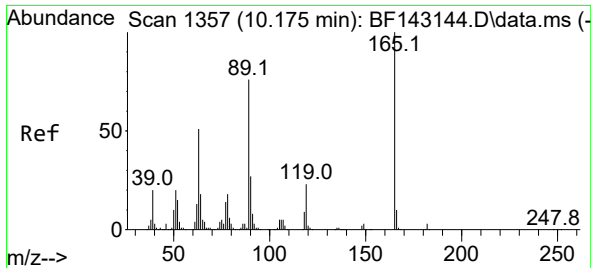


#56
4-Nitrophenol
Concen: 7.107 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37



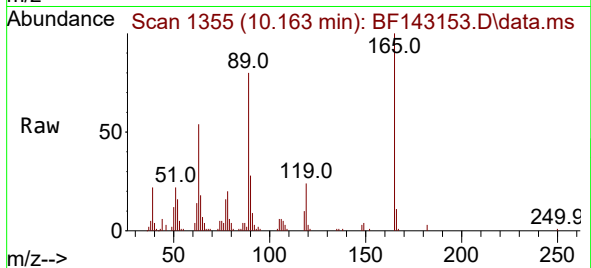
Tgt Ion:139 Resp: 25449
Ion Ratio Lower Upper
139 100
109 66.1 48.5 88.5
65 107.6 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 7.634 ng
RT: 10.163 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

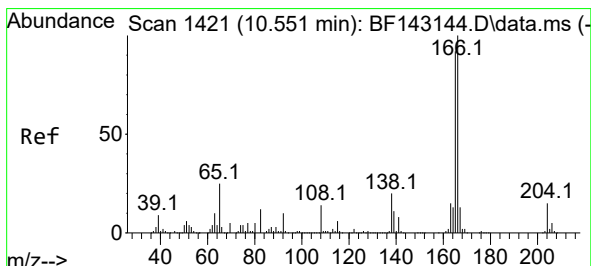
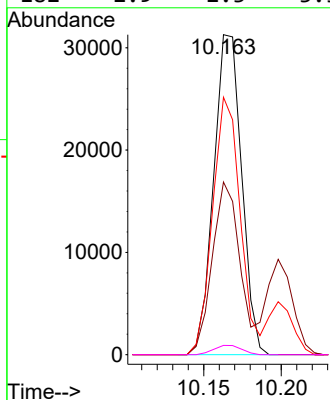
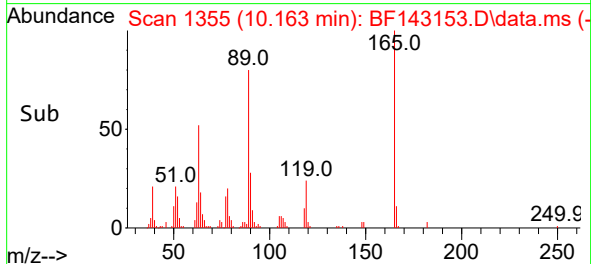
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:165 Resp: 39260
Ion Ratio Lower Upper
165 100
63 54.0 41.0 61.4
89 80.5 61.1 91.7
182 2.9 2.3 3.5

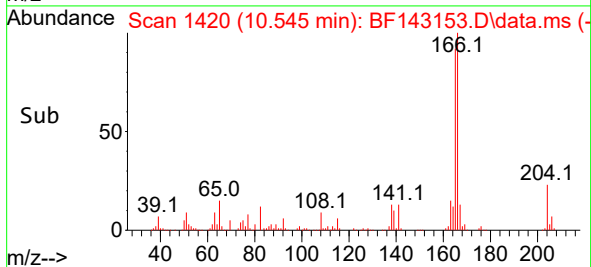
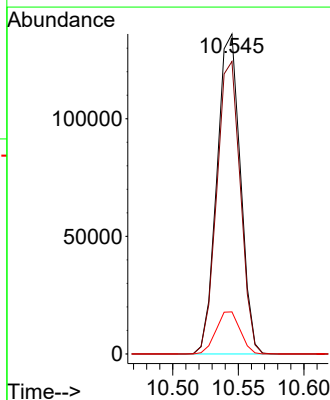
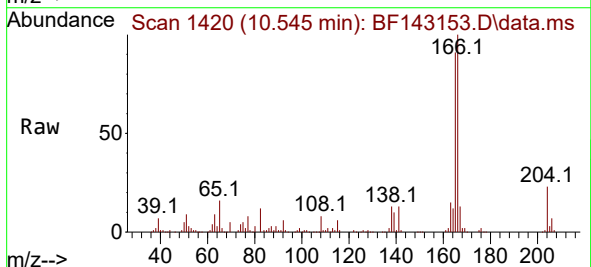
Manual Integrations
APPROVED

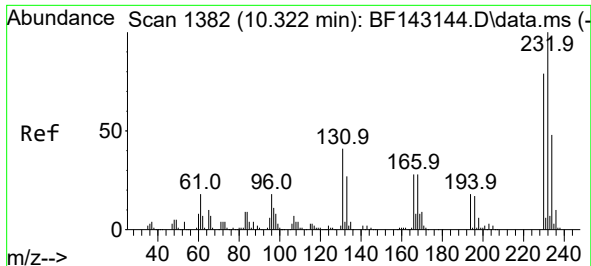
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#58
Fluorene
Concen: 8.609 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

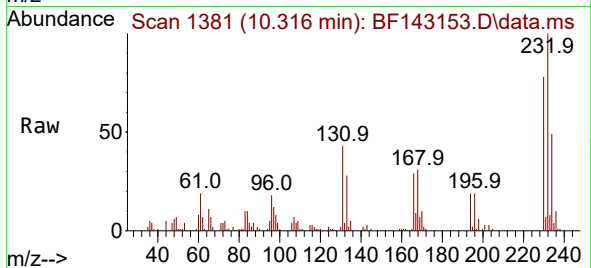
Tgt Ion:166 Resp: 169586
Ion Ratio Lower Upper
166 100
165 91.4 73.7 110.5
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.895 ng
RT: 10.316 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

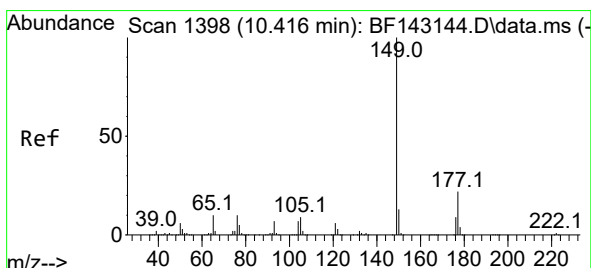
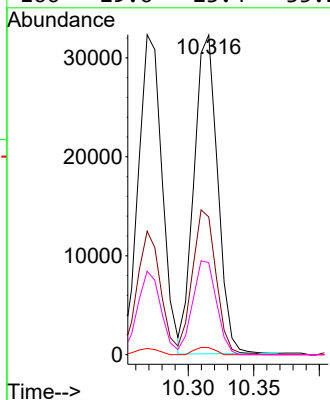
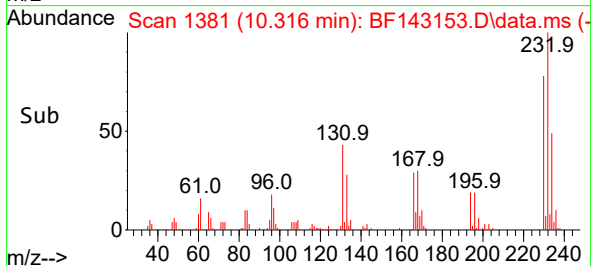
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



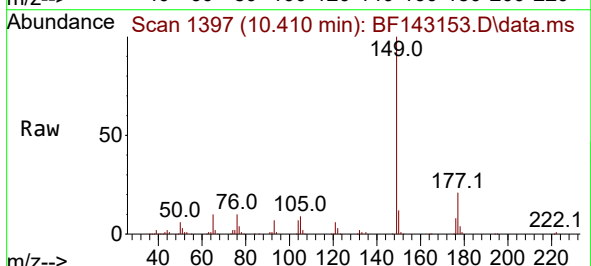
Tgt Ion:232 Resp: 4041
Ion Ratio Lower Upper
232 100
131 45.6 35.3 52.9
130 2.0 1.7 2.5
166 29.6 23.4 35.2

Manual Integrations
APPROVED

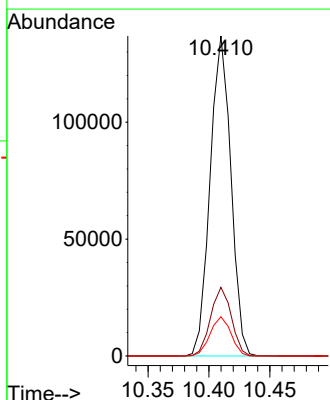
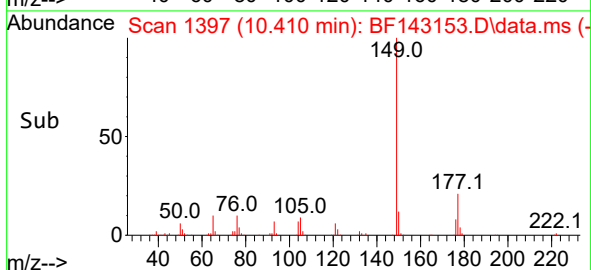
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

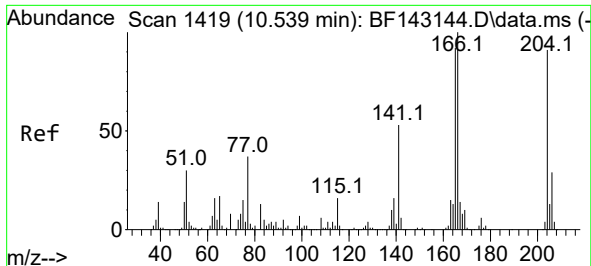


#60
Diethylphthalate
Concen: 8.142 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37



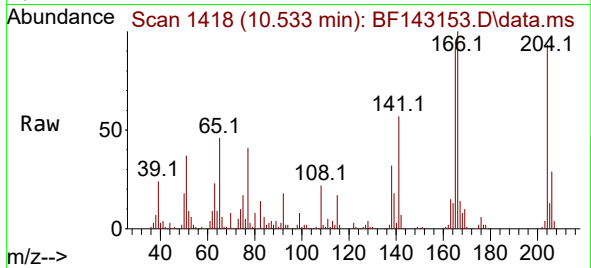
Tgt Ion:149 Resp: 162174
Ion Ratio Lower Upper
149 100
177 21.4 17.5 26.3
150 12.3 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 8.376 ng
RT: 10.533 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

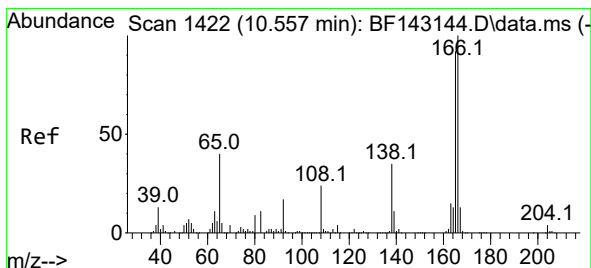
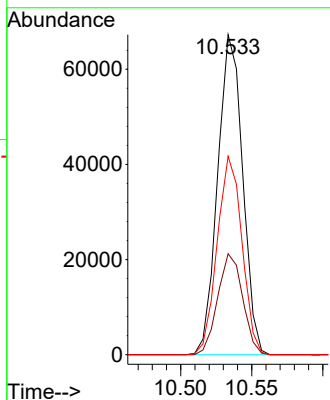
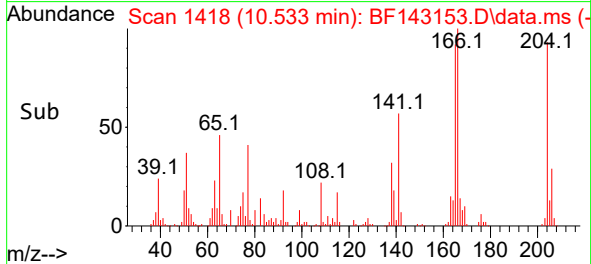
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2025



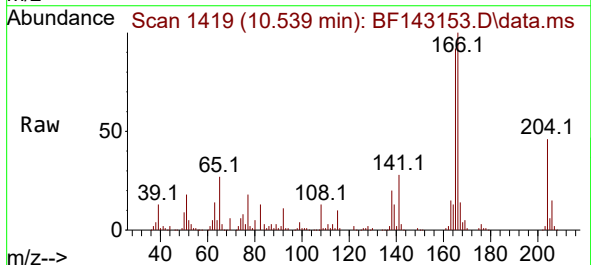
Tgt Ion:204 Resp: 82164
Ion Ratio Lower Upper
204 100
206 31.5 25.8 38.8
141 62.0 47.0 70.4

Manual Integrations
APPROVED

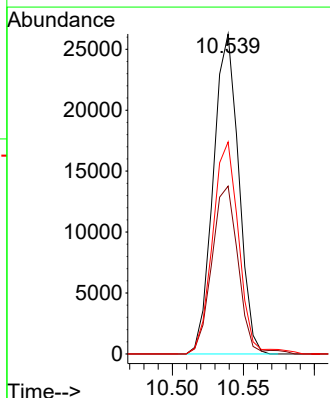
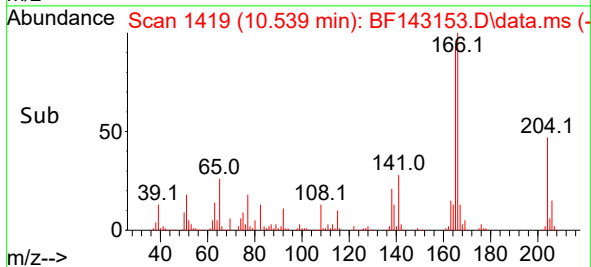
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

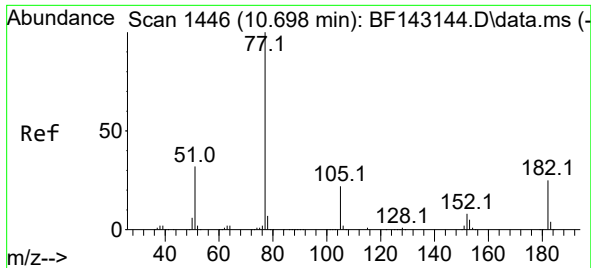


#62
4-Nitroaniline
Concen: 7.929 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.018 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37



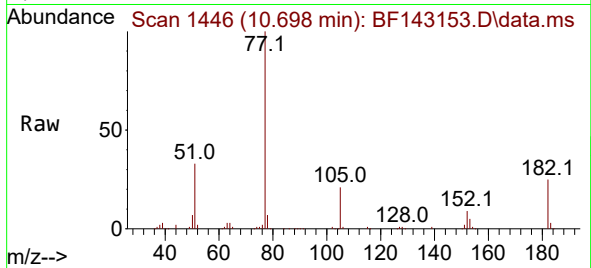
Tgt Ion:138 Resp: 32588
Ion Ratio Lower Upper
138 100
92 52.5 29.3 69.3
108 66.3 48.3 88.3





#63
Azobenzene
Concen: 8.238 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

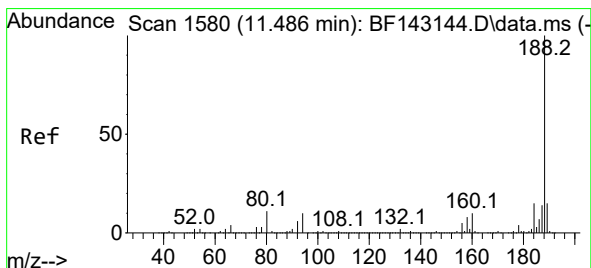
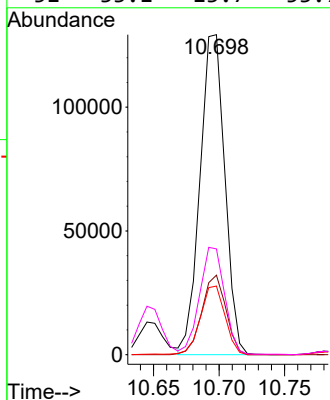
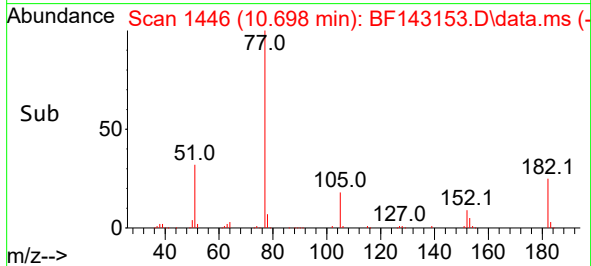
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2025



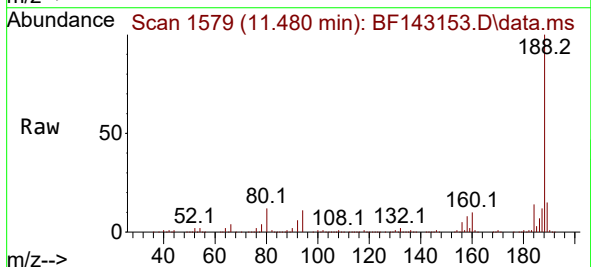
Tgt Ion: 77 Resp: 171028
Ion Ratio Lower Upper
77 100
182 24.8 4.6 44.6
105 21.5 1.4 41.4
51 33.1 13.7 53.7

Manual Integrations
APPROVED

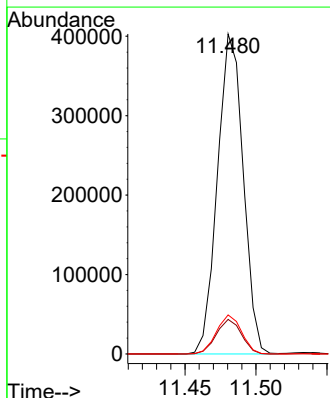
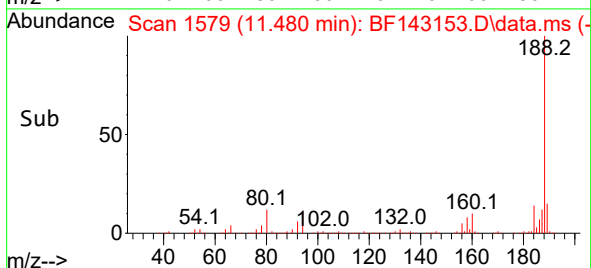
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

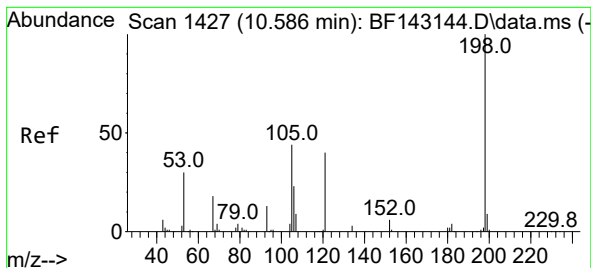


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37



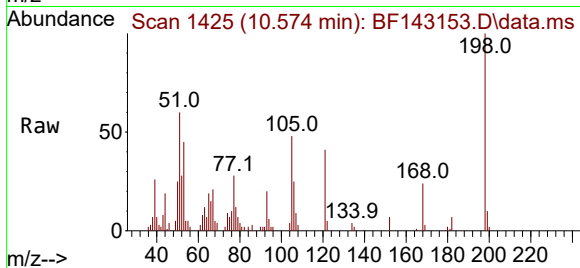
Tgt Ion:188 Resp: 507836
Ion Ratio Lower Upper
188 100
94 10.8 8.3 12.5
80 12.2 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 9.956 ng
RT: 10.574 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

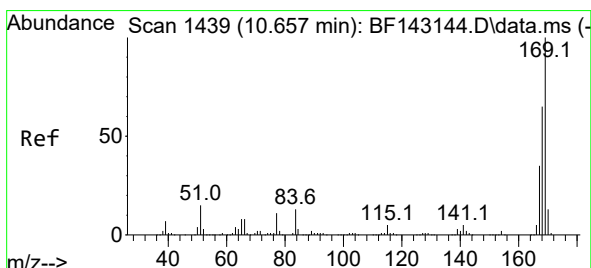
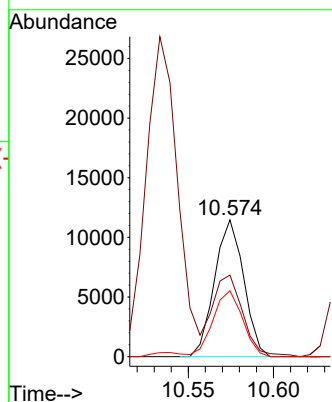
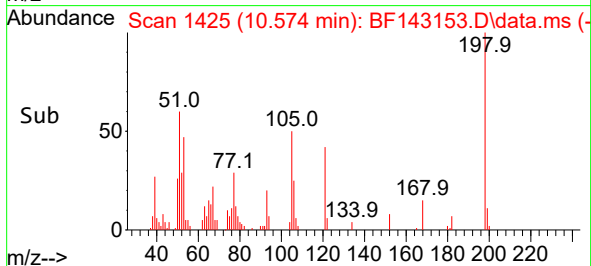
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



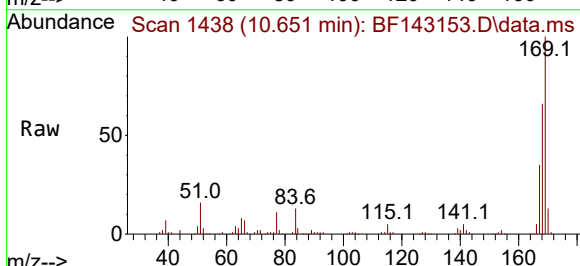
Tgt Ion:198 Resp: 13634
Ion Ratio Lower Upper
198 100
51 59.7 37.2 77.2
105 48.2 24.8 64.8

Manual Integrations
APPROVED

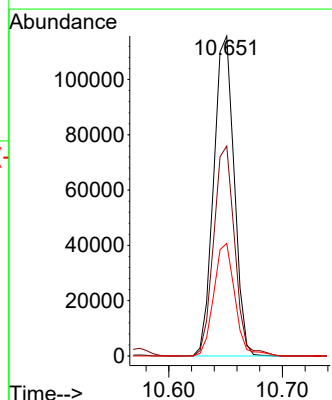
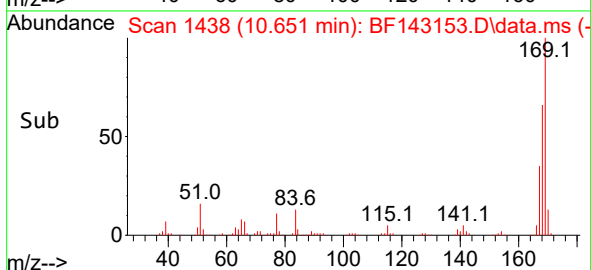
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

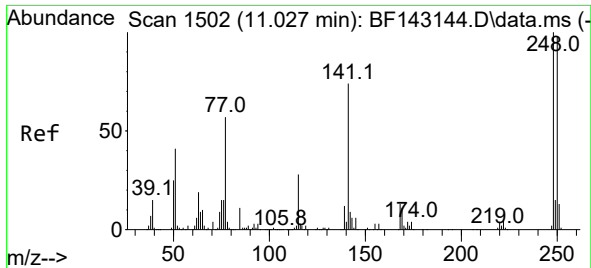


#66
n-Nitrosodiphenylamine
Concen: 8.123 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37



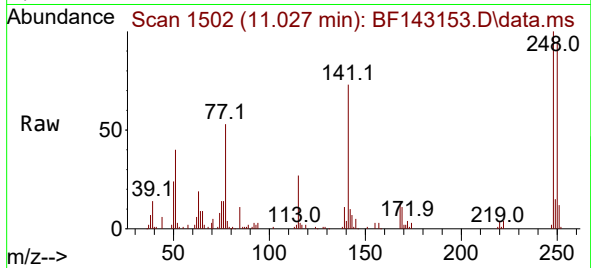
Tgt Ion:169 Resp: 145252
Ion Ratio Lower Upper
169 100
168 65.6 52.1 78.1
167 35.2 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 7.931 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

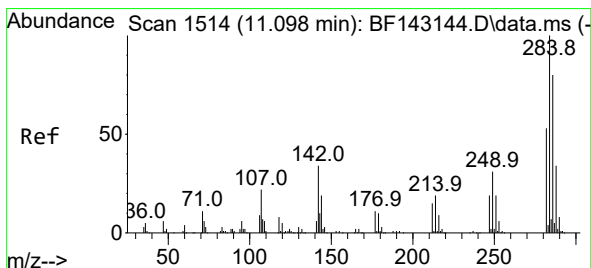
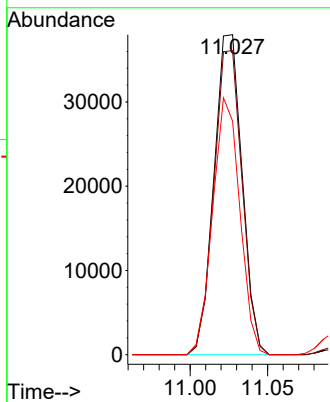
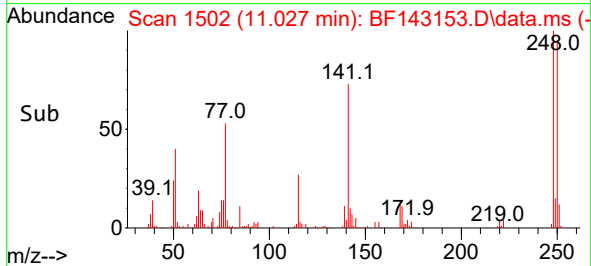
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



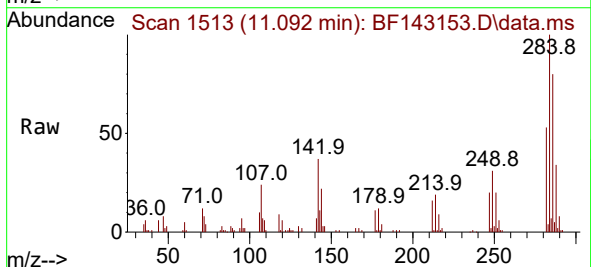
Tgt Ion:248 Resp: 47995
Ion Ratio Lower Upper
248 100
250 95.0 78.3 117.5
141 73.0 59.2 88.8

Manual Integrations
APPROVED

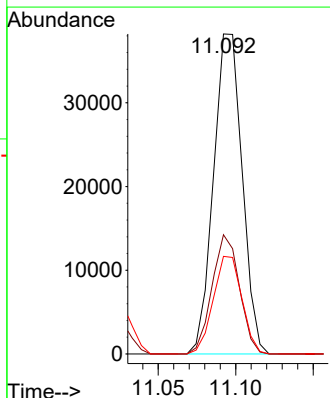
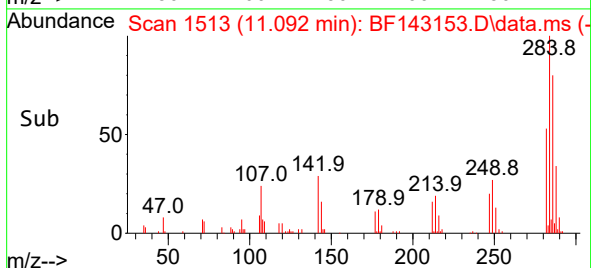
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

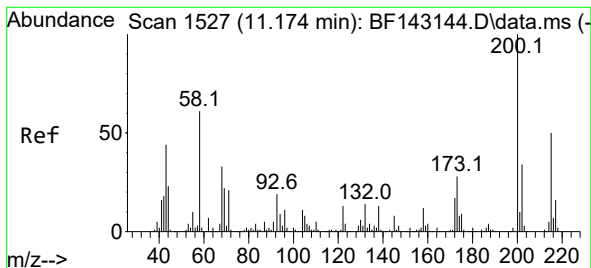


#68
Hexachlorobenzene
Concen: 7.771 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37



Tgt Ion:284 Resp: 49159
Ion Ratio Lower Upper
284 100
142 37.2 27.0 40.6
249 30.5 25.0 37.6





#69

Atrazine

Concen: 7.654 ng

RT: 11.169 min Scan# 1526

Delta R.T. -0.006 min

Lab File: BF143153.D

Acq: 17 Jul 2025 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2025

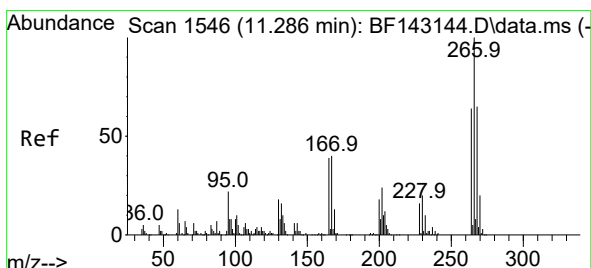
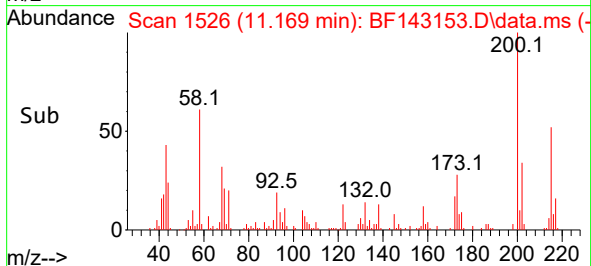
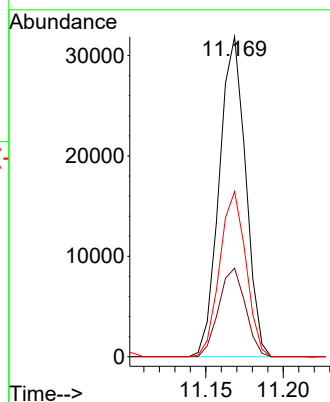
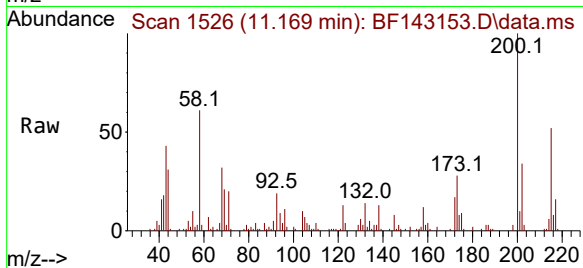
Tgt Ion:200 Resp: 37735
 Ion Ratio Lower Upper
 200 100
 173 27.6 7.9 47.9
 215 51.6 30.1 70.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#70

Pentachlorophenol

Concen: 6.976 ng

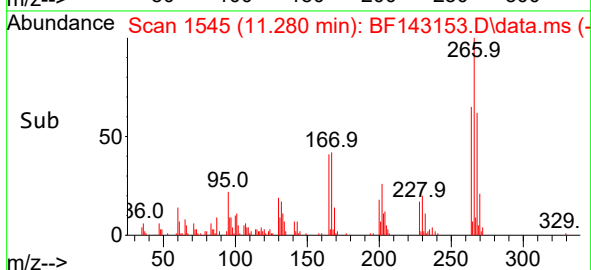
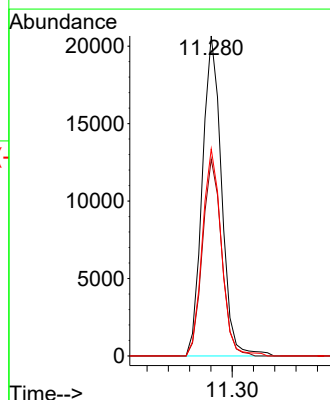
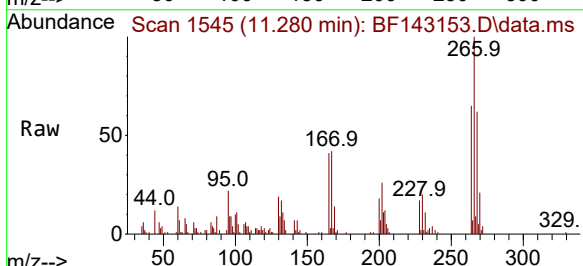
RT: 11.280 min Scan# 1545

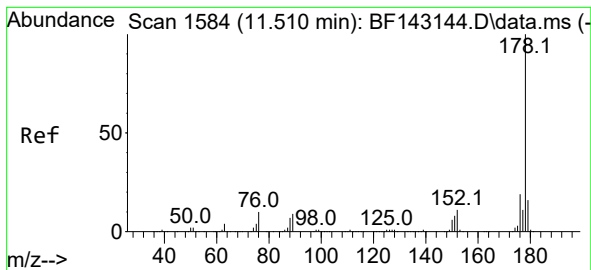
Delta R.T. -0.006 min

Lab File: BF143153.D

Acq: 17 Jul 2025 17:37

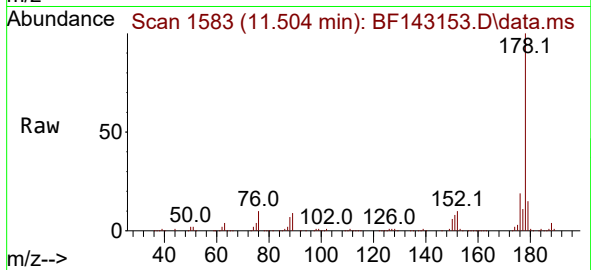
Tgt Ion:266 Resp: 25951
 Ion Ratio Lower Upper
 266 100
 268 61.5 51.9 77.9
 264 64.7 51.0 76.6





#71
Phenanthrene
Concen: 8.226 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

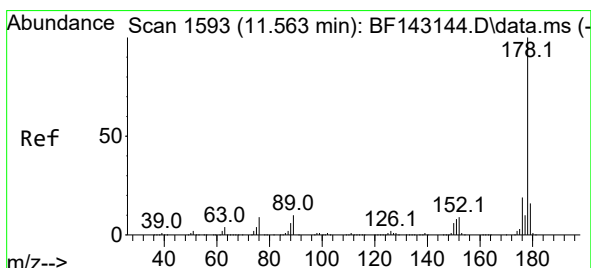
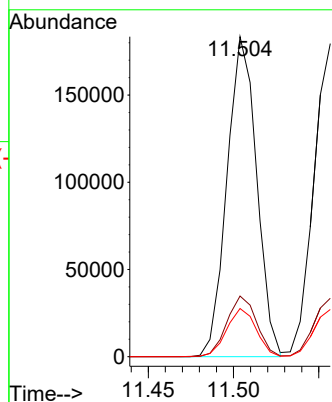
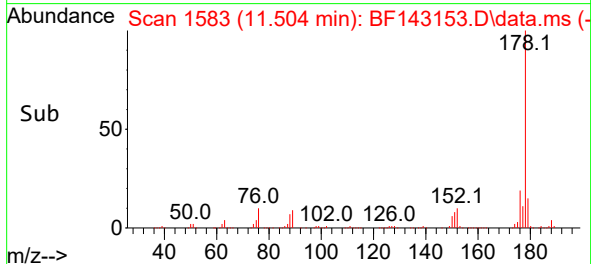
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:178 Resp: 221799
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.1 12.5 18.7

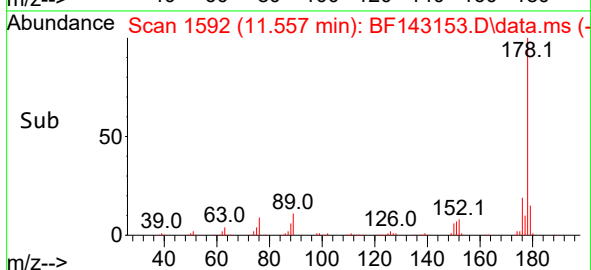
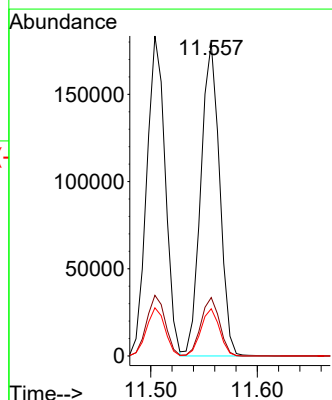
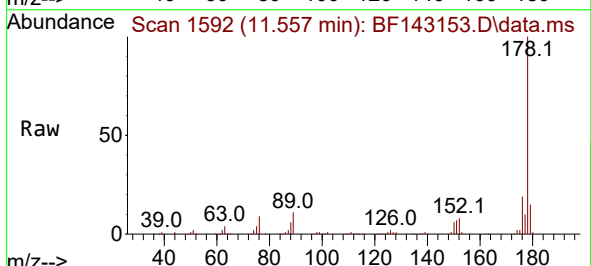
Manual Integrations
APPROVED

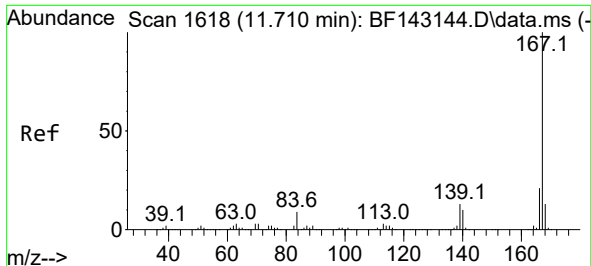
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#72
Anthracene
Concen: 8.000 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

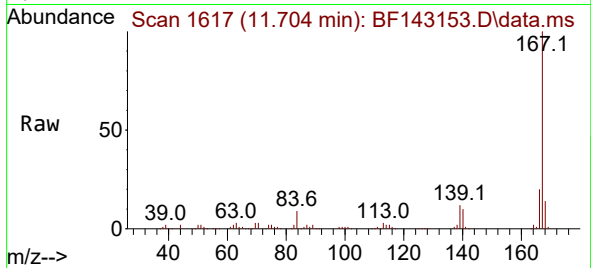
Tgt Ion:178 Resp: 220008
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.1 12.5 18.7





#73
 Carbazole
 Concen: 8.178 ng
 RT: 11.704 min Scan# 1617
 Delta R.T. -0.006 min
 Lab File: BF143153.D
 Acq: 17 Jul 2025 17:37

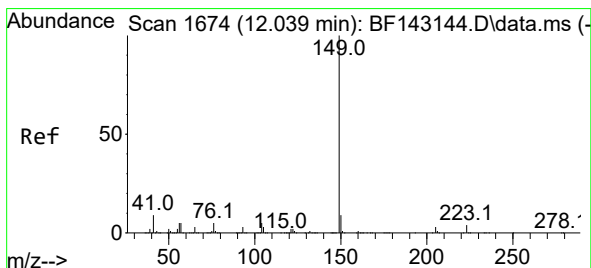
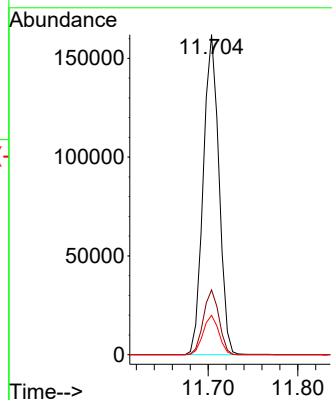
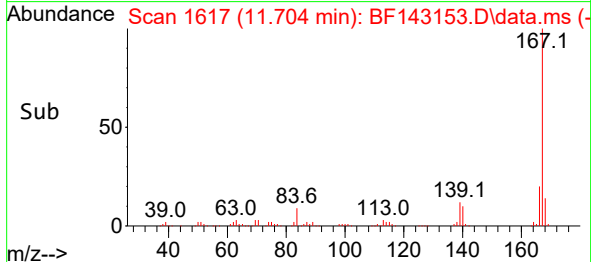
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT2-2025



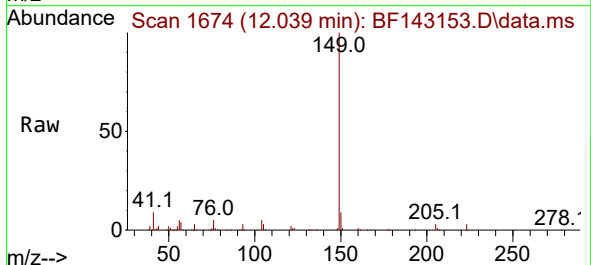
Tgt Ion:167 Resp: 19638
 Ion Ratio Lower Upper
 167 100
 166 20.3 17.0 25.6
 139 12.3 10.0 15.0

Manual Integrations
 APPROVED

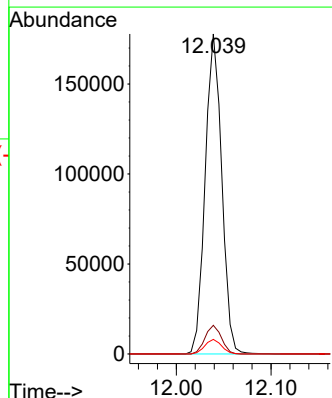
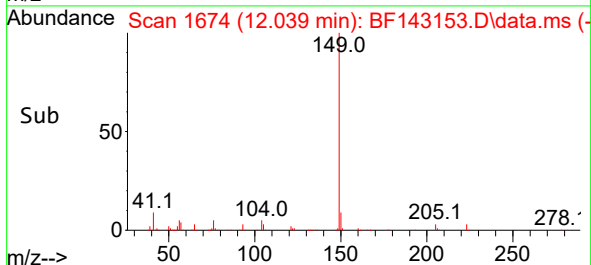
Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

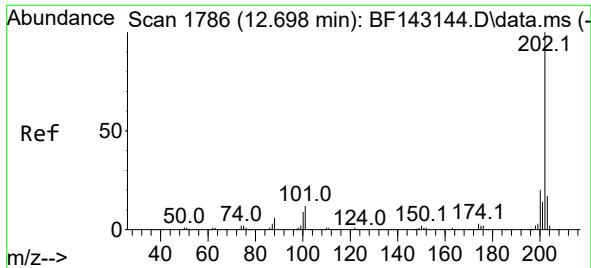


#74
 Di-n-butylphthalate
 Concen: 7.929 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. -0.000 min
 Lab File: BF143153.D
 Acq: 17 Jul 2025 17:37



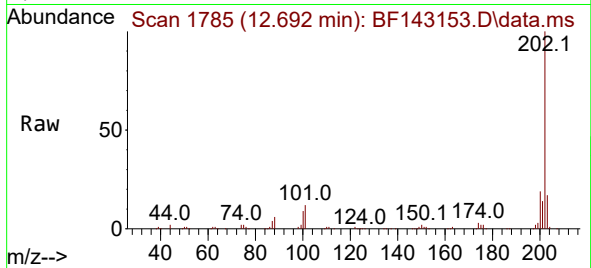
Tgt Ion:149 Resp: 215429
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.6 3.8 5.8





#75
Fluoranthene
Concen: 8.116 ng
RT: 12.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

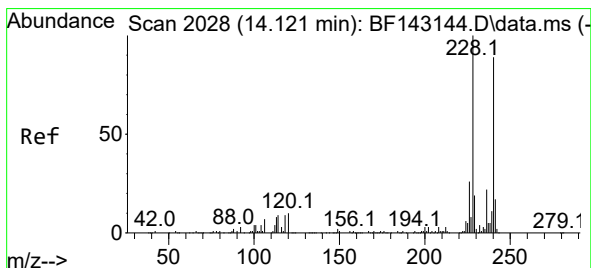
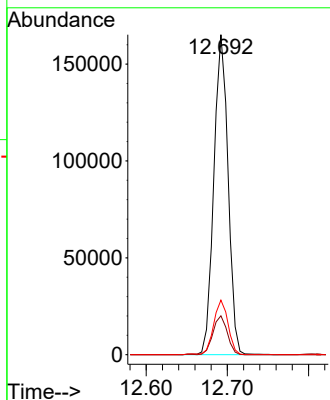
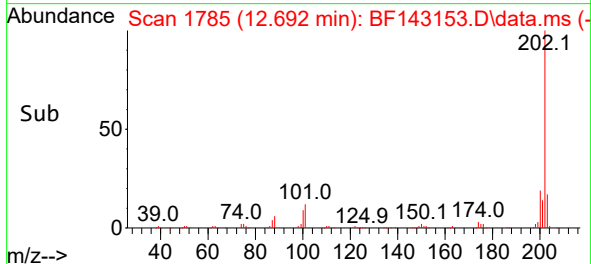
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



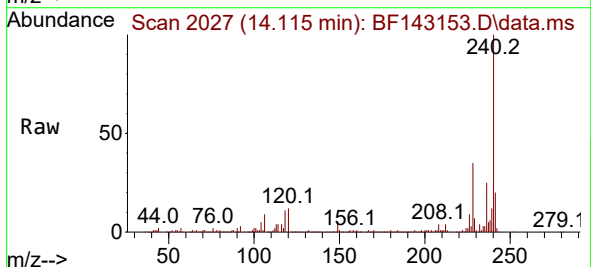
Tgt Ion:202 Resp: 200860
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.7
203 17.1 0.0 37.4

Manual Integrations
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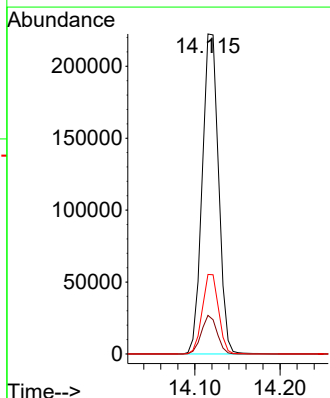
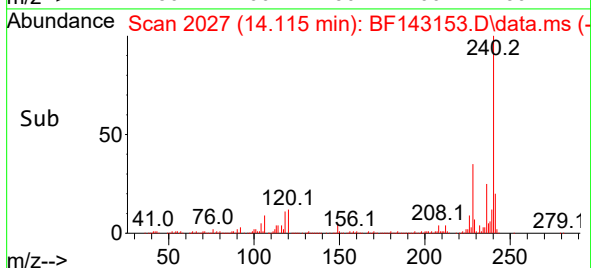
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

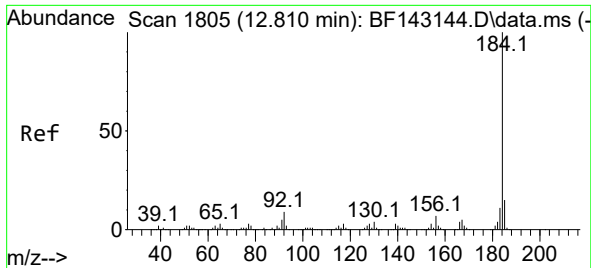


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37



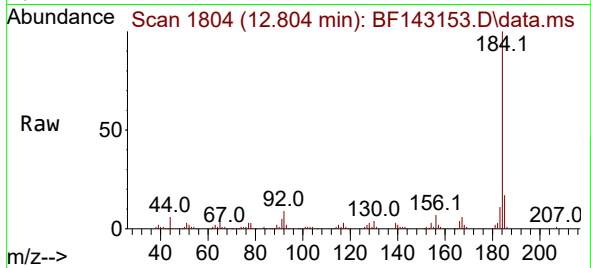
Tgt Ion:240 Resp: 296298
Ion Ratio Lower Upper
240 100
120 12.0 9.4 14.2
236 24.8 20.2 30.4





#77
Benzidine
Concen: 7.102 ng
RT: 12.804 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

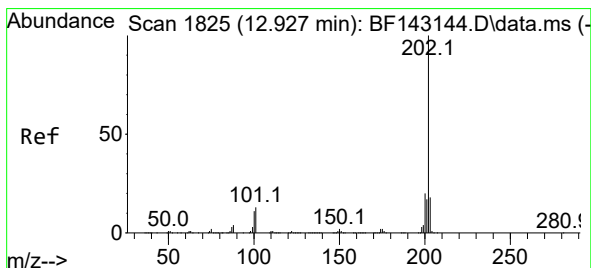
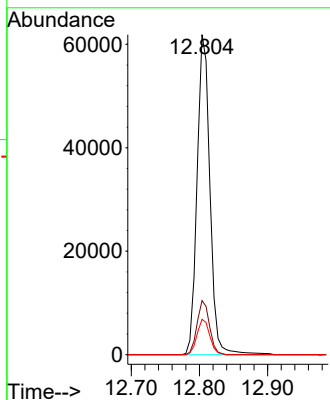
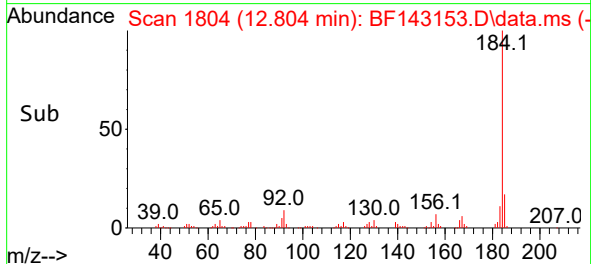
Instrument : BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:184 Resp: 8107
Ion Ratio Lower Upper
184 100
185 16.9 12.2 18.4
183 11.0 9.0 13.4

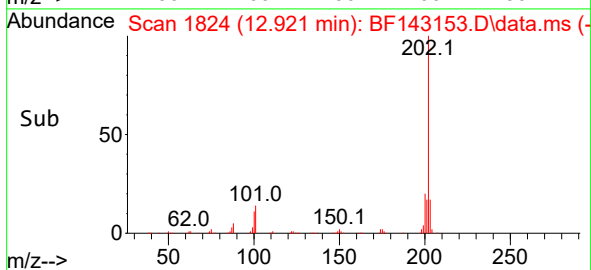
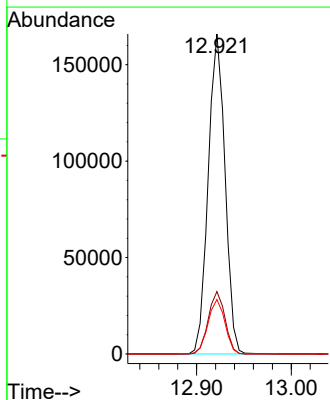
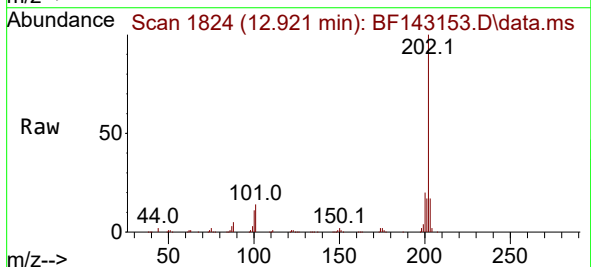
Manual Integrations
APPROVED

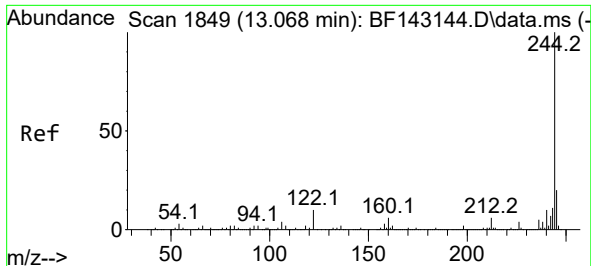
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#78
Pyrene
Concen: 8.062 ng
RT: 12.921 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

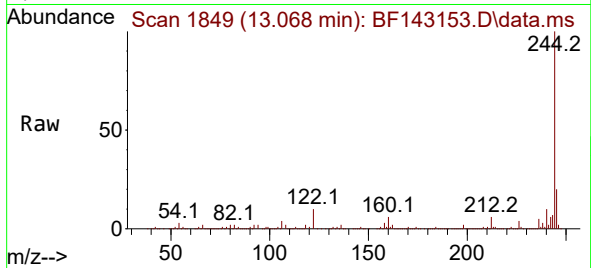
Tgt Ion:202 Resp: 203871
Ion Ratio Lower Upper
202 100
200 19.5 15.7 23.5
203 17.0 14.2 21.2





#79
 Terphenyl-d14
 Concen: 77.057 ng
 RT: 13.068 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF143153.D
 Acq: 17 Jul 2025 17:37

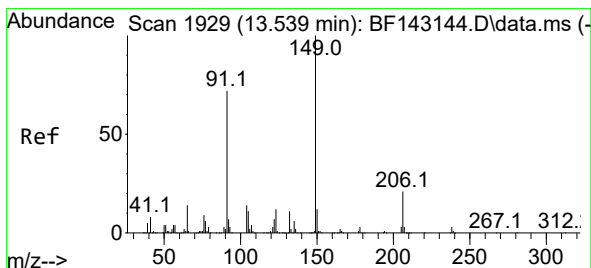
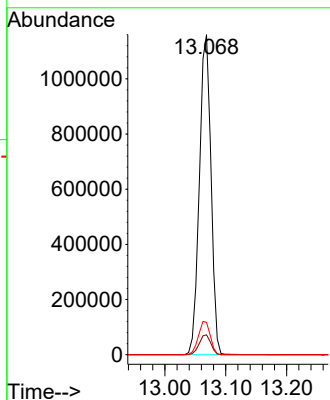
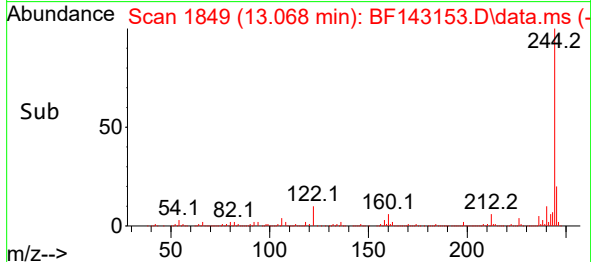
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT2-2025



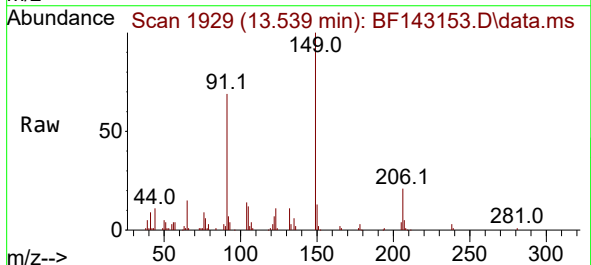
Tgt Ion:244 Resp: 153428
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.2 7.8
 122 10.1 8.2 12.2

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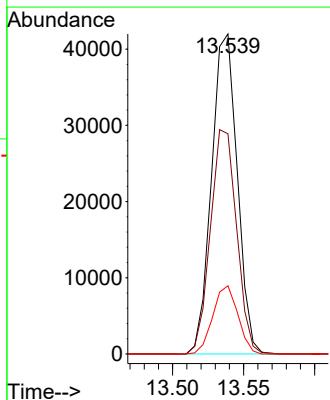
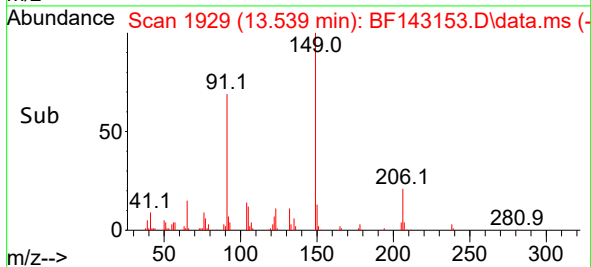
Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

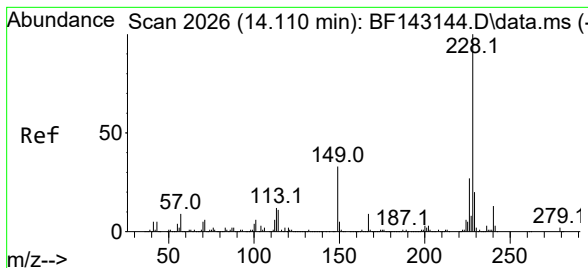


#80
 Butylbenzylphthalate
 Concen: 6.825 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: BF143153.D
 Acq: 17 Jul 2025 17:37



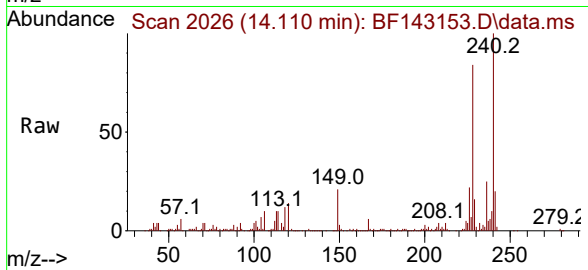
Tgt Ion:149 Resp: 52852
 Ion Ratio Lower Upper
 149 100
 91 68.8 57.9 86.9
 206 21.3 17.0 25.4





#81
Benzo(a)anthracene
Concen: 7.915 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

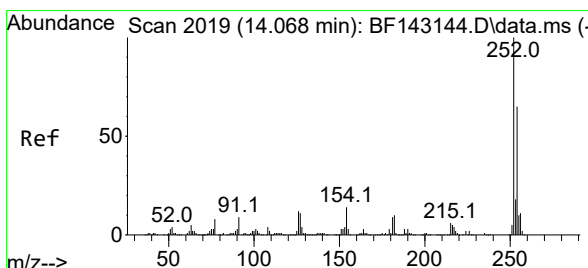
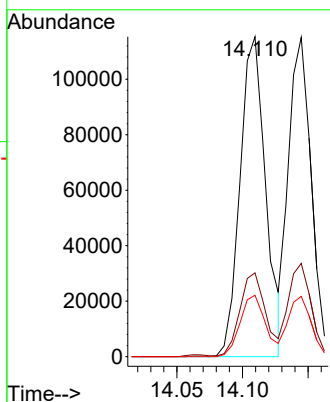
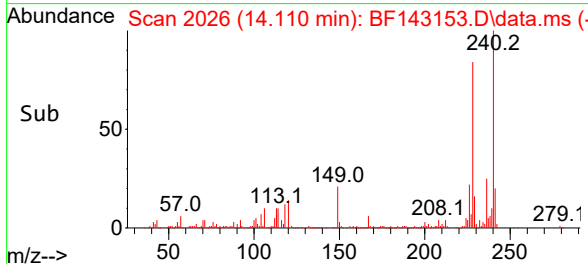
Instrument : BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



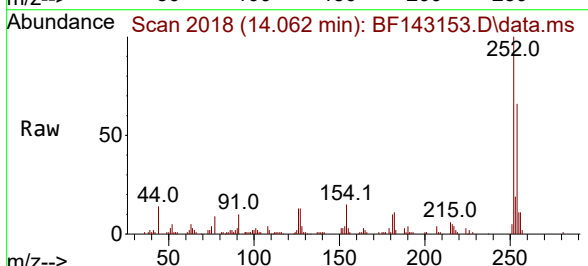
Tgt Ion:228 Resp: 157020
Ion Ratio Lower Upper
228 100
226 26.2 21.7 32.5
229 19.2 15.8 23.6

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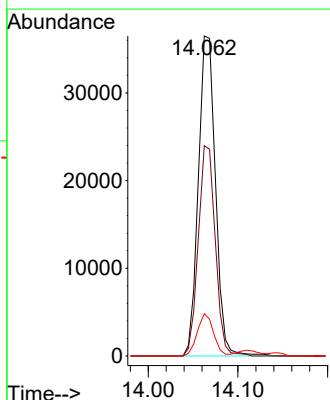
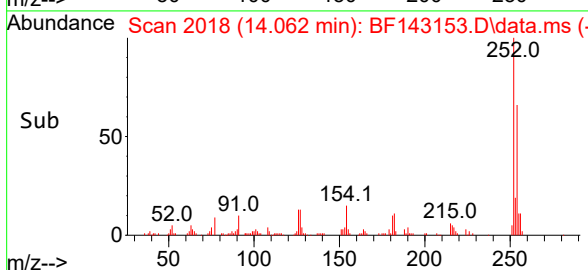
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

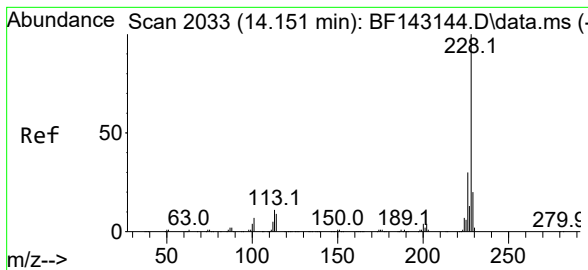


#82
3,3'-Dichlorobenzidine
Concen: 7.327 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37



Tgt Ion:252 Resp: 48441
Ion Ratio Lower Upper
252 100
254 65.7 51.7 77.5
126 13.2 9.4 14.0





#83

Chrysene

Concen: 7.784 ng

RT: 14.145 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF143153.D

Acq: 17 Jul 2025 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:228 Resp: 138840

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.8

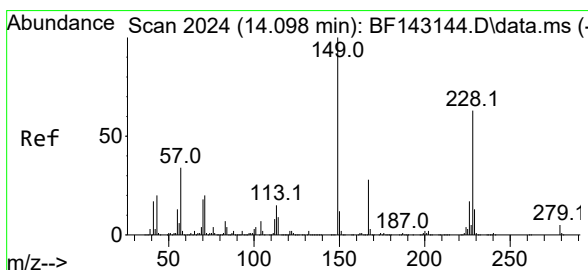
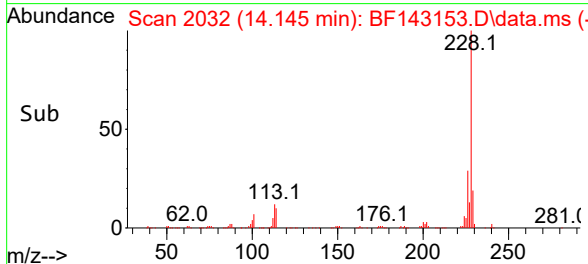
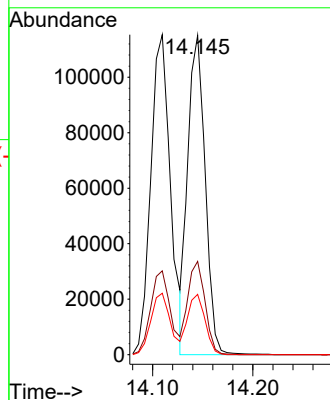
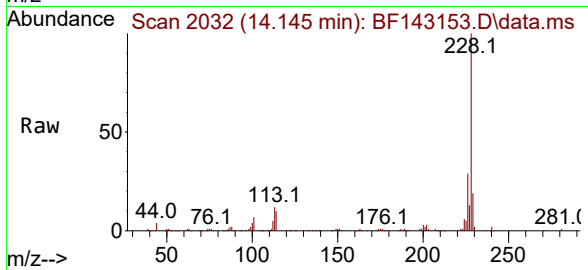
229 18.9 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.118 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF143153.D

Acq: 17 Jul 2025 17:37

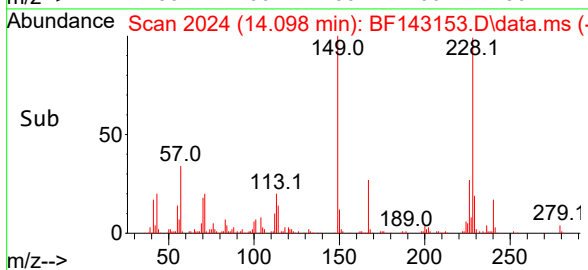
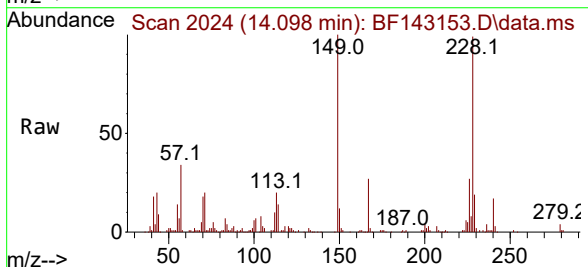
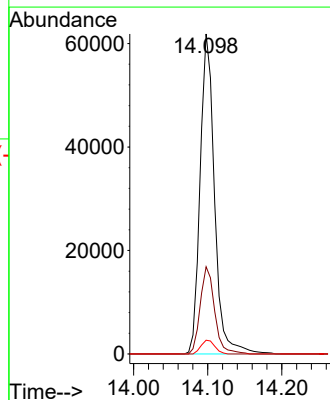
Tgt Ion:149 Resp: 83424

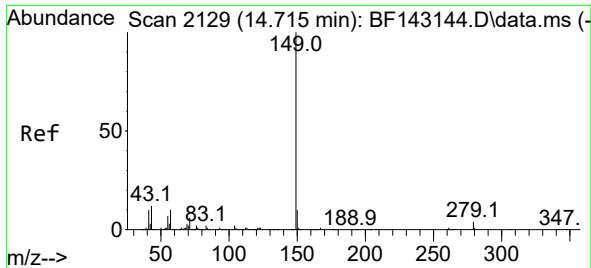
Ion Ratio Lower Upper

149 100

167 27.2 22.3 33.5

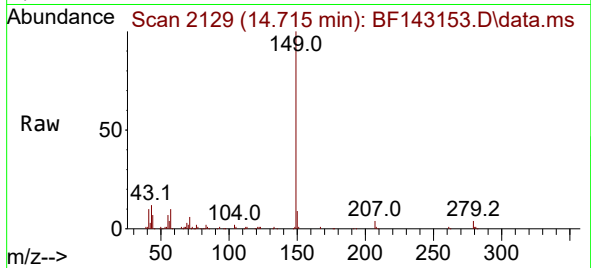
279 4.3 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 6.729 ng
RT: 14.715 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

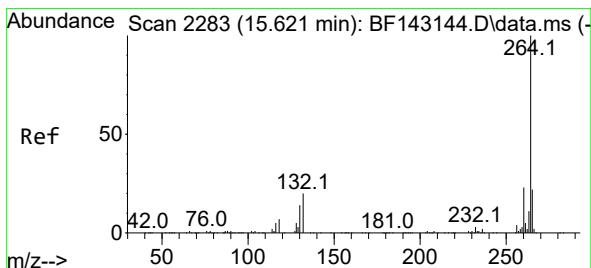
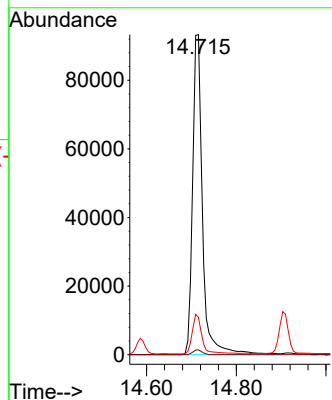
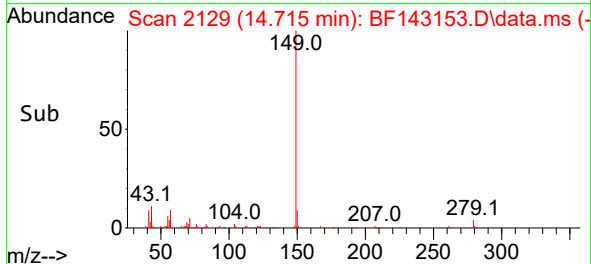
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:149 Resp: 14295
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 12.2 9.7 14.5

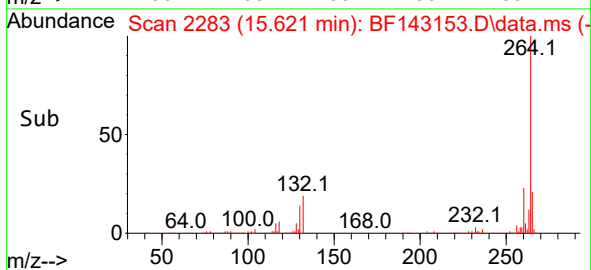
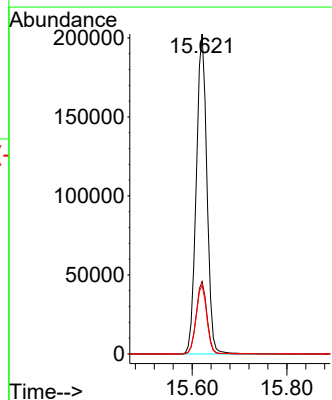
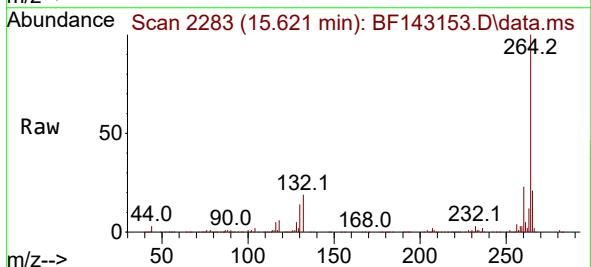
Manual Integrations
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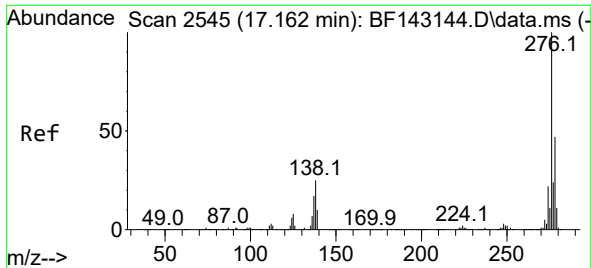
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

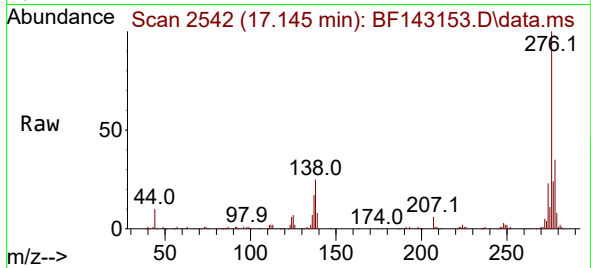
Tgt Ion:264 Resp: 315429
Ion Ratio Lower Upper
264 100
260 22.6 18.5 27.7
265 21.4 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 7.384 ng
RT: 17.145 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

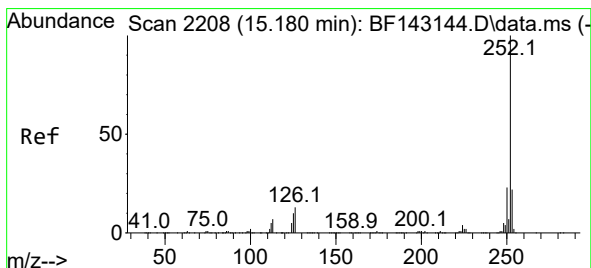
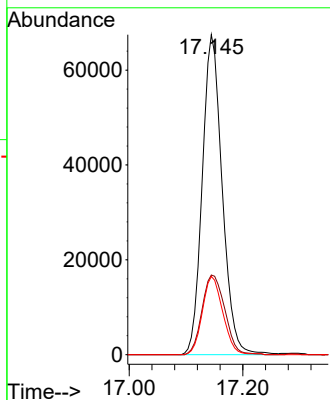
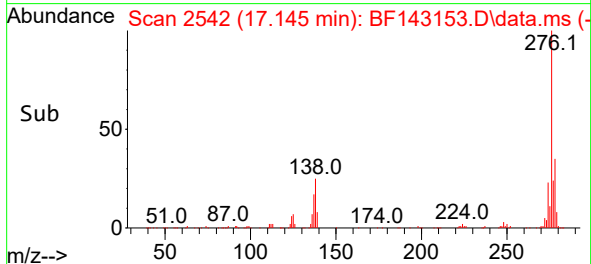
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



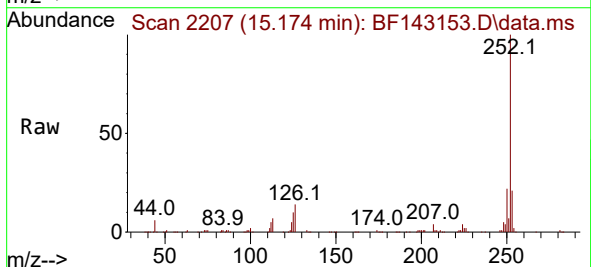
Tgt Ion:276 Resp: 16424
Ion Ratio Lower Upper
276 100
138 28.4 21.8 32.6
277 25.0 20.0 30.0

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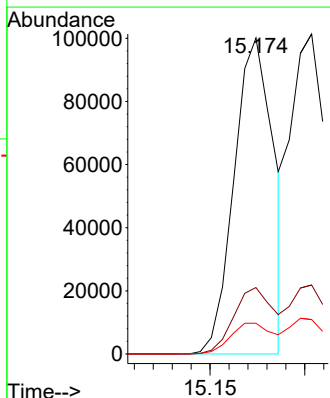
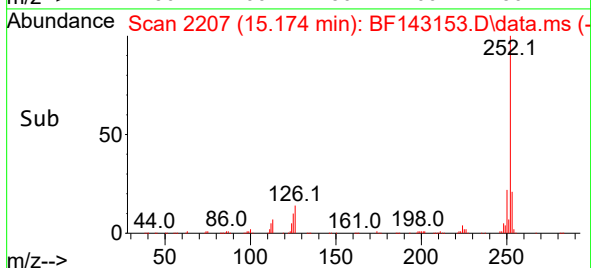
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

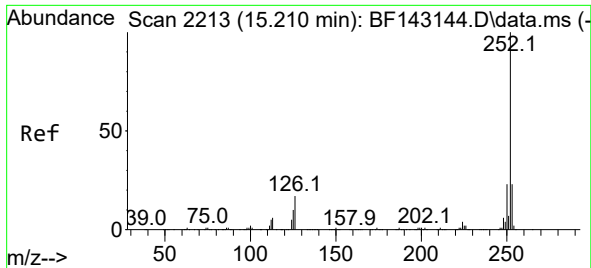


#88
Benzo(b)fluoranthene
Concen: 7.476 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37



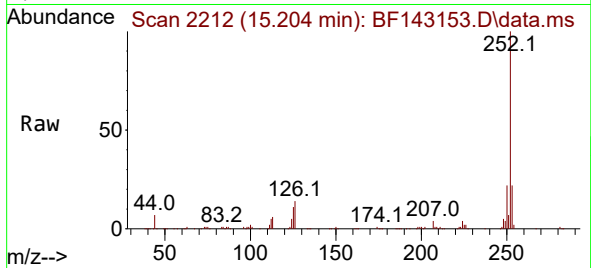
Tgt Ion:252 Resp: 144060
Ion Ratio Lower Upper
252 100
253 21.0 17.5 26.3
125 9.7 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 8.179 ng
RT: 15.204 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

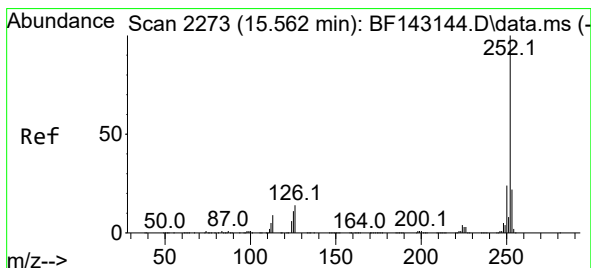
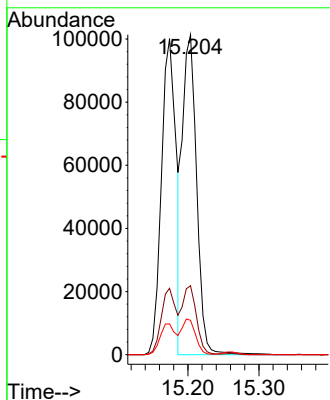
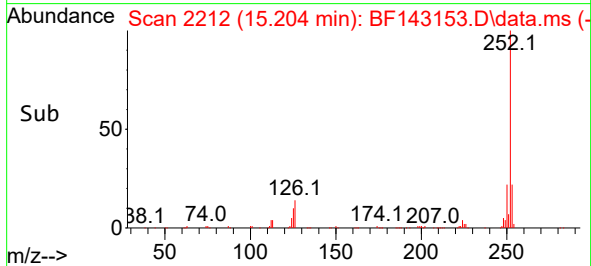
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2025



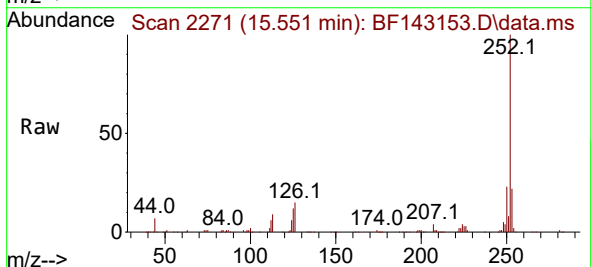
Tgt Ion:252 Resp: 14064
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 10.8 8.1 12.1

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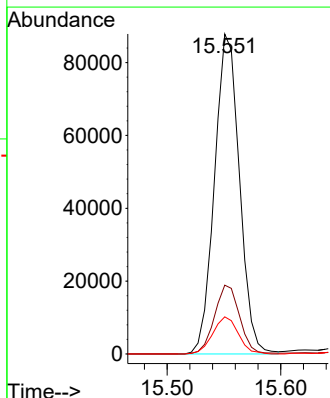
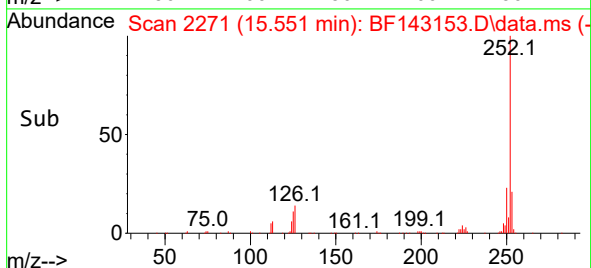
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

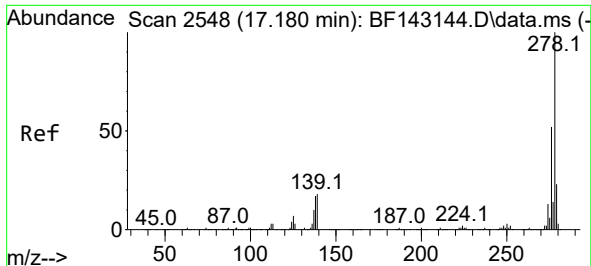


#90
Benzo(a)pyrene
Concen: 7.564 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37



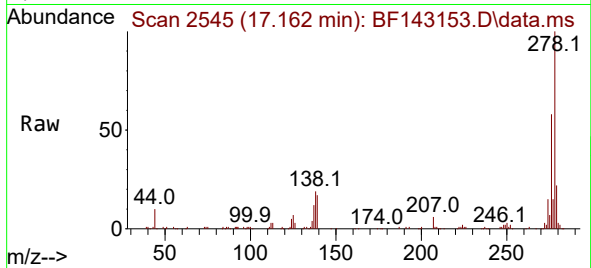
Tgt Ion:252 Resp: 134297
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 11.6 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 7.571 ng
RT: 17.162 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37

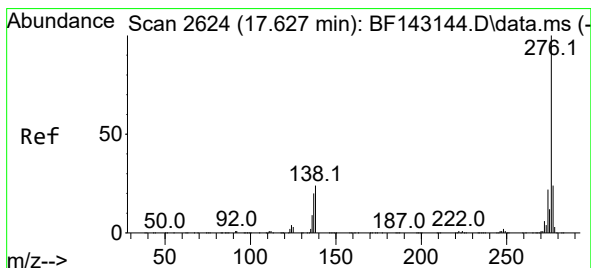
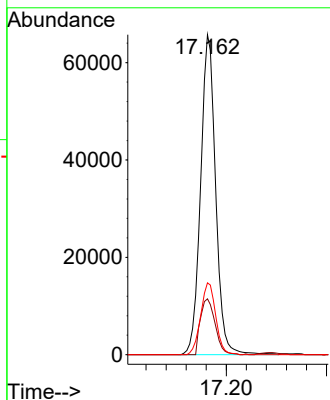
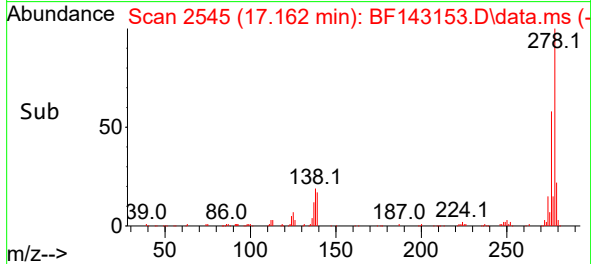
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



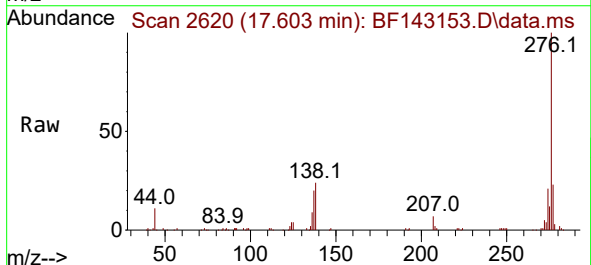
Tgt Ion:278 Resp: 13706
Ion Ratio Lower Upper
278 100
139 17.5 14.1 21.1
279 22.4 18.6 28.0

Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 7.546 ng
RT: 17.603 min Scan# 2620
Delta R.T. -0.024 min
Lab File: BF143153.D
Acq: 17 Jul 2025 17:37



Tgt Ion:276 Resp: 132148
Ion Ratio Lower Upper
276 100
277 22.9 19.1 28.7
138 24.5 18.9 28.3

