

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143152.D
 Acq On : 17 Jul 2025 17:07
 Operator : RC/JU
 Sample : Q2126-09
 Misc : MDL-WATER-4PPM
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jul 17 17:24:48 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	171781	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	660737	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	343638	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	558994	20.000	ng	0.00
76) Chrysene-d12	14.115	240	326740	20.000	ng	0.00
86) Perylene-d12	15.621	264	347274	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1163222	107.157	ng	0.00
7) Phenol-d6	6.587	99	1533522	112.236	ng	0.00
23) Nitrobenzene-d5	7.522	82	1016828	76.711	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	425303	119.805	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1802619	71.741	ng	0.00
79) Terphenyl-d14	13.068	244	1684763	76.731	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	19501	3.797	ng	99
3) Pyridine	3.640	79	47755	3.582	ng	98
4) n-Nitrosodimethylamine	3.504	42	25579	3.716	ng	# 98
6) Aniline	6.622	93	75004	3.939	ng	100
8) 2-Chlorophenol	6.751	128	45950	4.038	ng	93
9) Benzaldehyde	6.510	77	41745	4.074	ng	97
10) Phenol	6.598	94	58125m	3.905	ng	
11) bis(2-Chloroethyl)ether	6.692	93	47969	4.209	ng	96
12) 1,3-Dichlorobenzene	6.904	146	51127	4.136	ng	99
13) 1,4-Dichlorobenzene	6.981	146	50232	4.035	ng	100
14) 1,2-Dichlorobenzene	7.134	146	49021	4.140	ng	98
15) Benzyl Alcohol	7.087	79	40370	3.870	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	86147	4.075	ng	99
17) 2-Methylphenol	7.198	107	37626	3.933	ng	99
18) Hexachloroethane	7.481	117	16773	3.892	ng	96
19) n-Nitroso-di-n-propyla...	7.363	70	35585	4.059	ng	96
20) 3+4-Methylphenols	7.345	107	49848	4.294	ng	92
22) Acetophenone	7.357	105	67353	4.306	ng	99
24) Nitrobenzene	7.534	77	53950	4.366	ng	96
25) Isophorone	7.769	82	93702	4.004	ng	99
26) 2-Nitrophenol	7.851	139	19271	3.593	ng	100
27) 2,4-Dimethylphenol	7.881	122	45279	4.142	ng	93
28) bis(2-Chloroethoxy)met...	7.981	93	58201	4.148	ng	98
29) 2,4-Dichlorophenol	8.086	162	36600	3.970	ng	98
30) 1,2,4-Trichlorobenzene	8.181	180	41445	4.161	ng	99
31) Naphthalene	8.263	128	138181	4.246	ng	99
32) Benzoic acid	7.916	122	11199	6.800	ng	99
33) 4-Chloroaniline	8.298	127	52428	3.946	ng	98
34) Hexachlorobutadiene	8.386	225	24367	4.005	ng	96
35) Caprolactam	8.622	113	9742	3.497	ng	92
36) 4-Chloro-3-methylphenol	8.769	107	39415	3.933	ng	98
37) 2-Methylnaphthalene	8.951	142	83794	4.232	ng	100
38) 1-Methylnaphthalene	9.051	142	88551	4.343	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	42152	4.249	ng	98
41) Hexachlorocyclopentadiene	9.110	237	18039	2.794	ng	99
43) 2,4,6-Trichlorophenol	9.222	196	25824	3.761	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143152.D
 Acq On : 17 Jul 2025 17:07
 Operator : RC/JU
 Sample : Q2126-09
 Misc : MDL-WATER-4PPM
 ALS Vial : 15 Sample Multiplier: 1

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

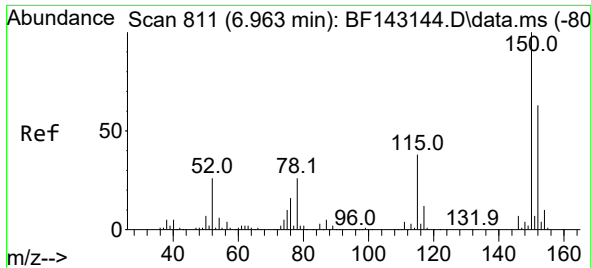
Quant Time: Jul 17 17:24:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

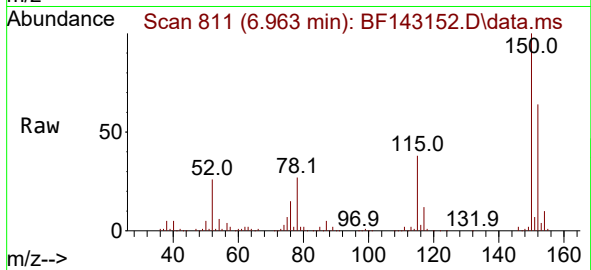
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	28125	4.095	ng	96
46) 1,1'-Biphenyl	9.416	154	117237	4.373	ng	98
47) 2-Chloronaphthalene	9.439	162	83505	4.209	ng	99
48) 2-Nitroaniline	9.522	65	23090	3.712	ng	93
49) Acenaphthylene	9.857	152	136529	4.107	ng	98
50) Dimethylphthalate	9.704	163	91686	4.093	ng	99
51) 2,6-Dinitrotoluene	9.763	165	17490	3.838	ng	95
52) Acenaphthene	10.027	154	83374	4.243	ng	99
53) 3-Nitroaniline	9.927	138	19711	3.698	ng	94
54) 2,4-Dinitrophenol	10.033	184	3285	8.122	ng #	1
55) Dibenzofuran	10.198	168	123127	4.221	ng	99
56) 4-Nitrophenol	10.075	139	12880	3.236	ng	97
57) 2,4-Dinitrotoluene	10.163	165	20208	3.535	ng	96
58) Fluorene	10.539	166	97627	4.459	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	22422m	3.941	ng	
60) Diethylphthalate	10.410	149	90653	4.095	ng	99
61) 4-Chlorophenyl-phenyle...	10.533	204	47562	4.363	ng	99
62) 4-Nitroaniline	10.533	138	17507	3.833	ng	96
63) Azobenzene	10.692	77	94360	4.089	ng	98
65) 4,6-Dinitro-2-methylph...	10.575	198	5880	7.193	ng	93
66) n-Nitrosodiphenylamine	10.645	169	81847	4.158	ng	100
67) 4-Bromophenyl-phenylether	11.022	248	26505	3.979	ng	99
68) Hexachlorobenzene	11.092	284	28274	4.061	ng	96
69) Atrazine	11.169	200	20110	3.706	ng	99
70) Pentachlorophenol	11.280	266	13257	3.238	ng	99
71) Phenanthrene	11.504	178	125400	4.225	ng	99
72) Anthracene	11.557	178	125876	4.158	ng	98
73) Carbazole	11.704	167	110544	4.182	ng	99
74) Di-n-butylphthalate	12.039	149	113593	3.798	ng	99
75) Fluoranthene	12.692	202	112908	4.144	ng	98
77) Benzidine	12.804	184	44043	3.499	ng	96
78) Pyrene	12.921	202	114007	4.088	ng	99
80) Butylbenzylphthalate	13.539	149	26940	3.155	ng	100
81) Benzo(a)anthracene	14.110	228	88802	4.059	ng	98
82) 3,3'-Dichlorobenzidine	14.063	252	25653	3.519	ng	98
83) Chrysene	14.145	228	76914	3.911	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	43672	3.379	ng	98
85) Di-n-octyl phthalate	14.710	149	74169	3.166	ng	99
87) Indeno(1,2,3-cd)pyrene	17.139	276	90587	3.699	ng	99
88) Benzo(b)fluoranthene	15.174	252	78571	3.704	ng	99
89) Benzo(k)fluoranthene	15.204	252	74921	3.957	ng	99
90) Benzo(a)pyrene	15.551	252	72736	3.721	ng	99
91) Dibenzo(a,h)anthracene	17.162	278	73723	3.699	ng	100
92) Benzo(g,h,i)perylene	17.603	276	72362	3.753	ng	99

(#) = 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: BF143152.D
 Acq: 17 Jul 2025 17:07

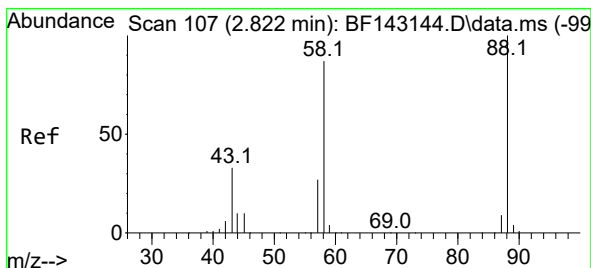
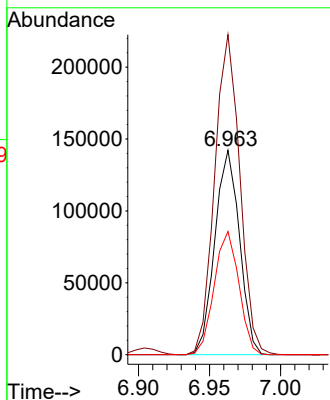
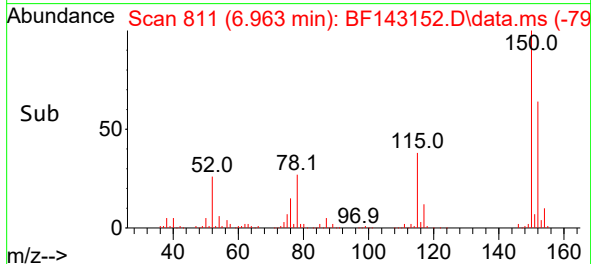
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2025



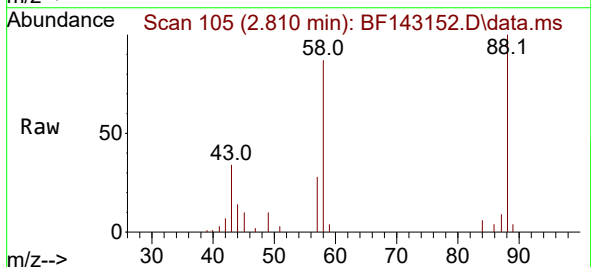
Tgt Ion:152 Resp: 17178
 Ion Ratio Lower Upper
 152 100
 150 156.7 128.2 192.4
 115 60.3 47.9 71.9

Manual Integrations
 APPROVED

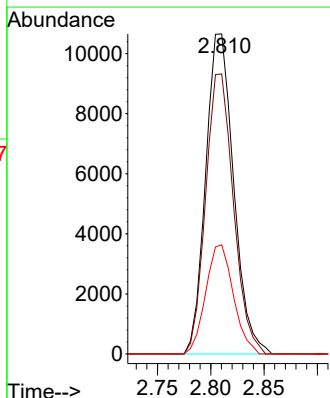
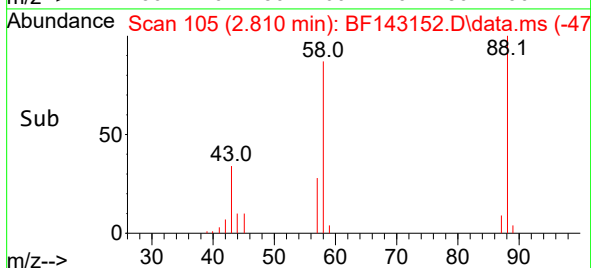
Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

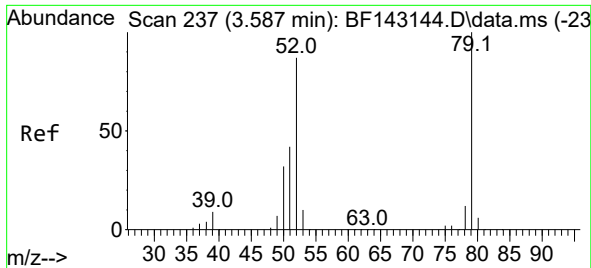


#2
 1,4-Dioxane
 Concen: 3.797 ng
 RT: 2.810 min Scan# 105
 Delta R.T. -0.012 min
 Lab File: BF143152.D
 Acq: 17 Jul 2025 17:07



Tgt Ion: 88 Resp: 19501
 Ion Ratio Lower Upper
 88 100
 58 86.7 70.2 105.2
 43 33.6 27.1 40.7





#3

Pyridine

Concen: 3.582 ng

RT: 3.640 min Scan# 246

Delta R.T. 0.053 min

Lab File: BF143152.D

Acq: 17 Jul 2025 17:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2025

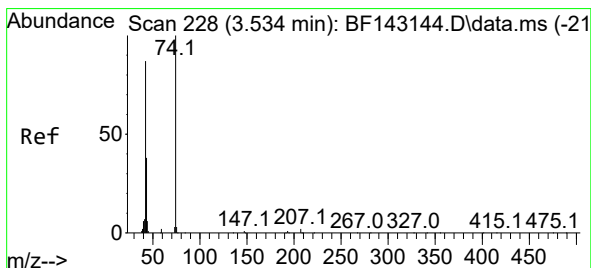
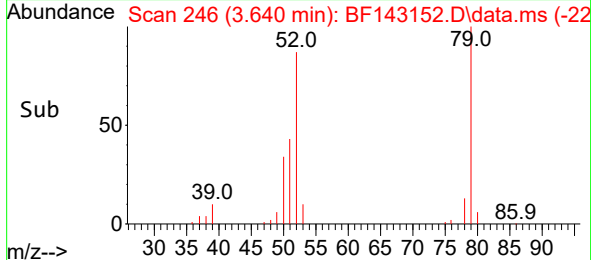
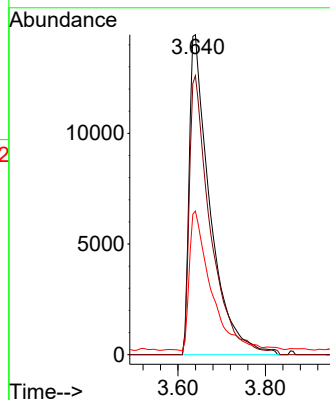
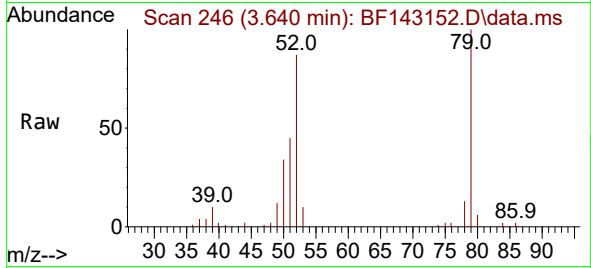
Tgt Ion: 79	Resp: 4775
Ion Ratio	Lower Upper
79 100	
52 87.2	69.4 104.2
51 44.9	33.5 50.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#4

n-Nitrosodimethylamine

Concen: 3.716 ng

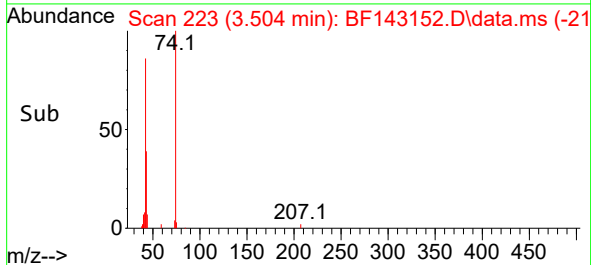
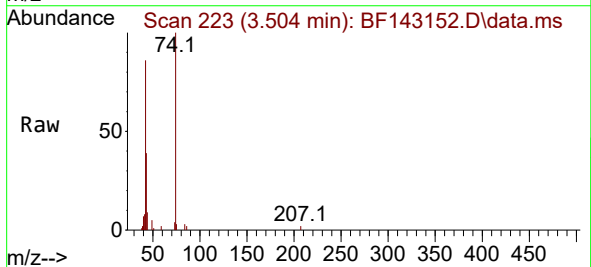
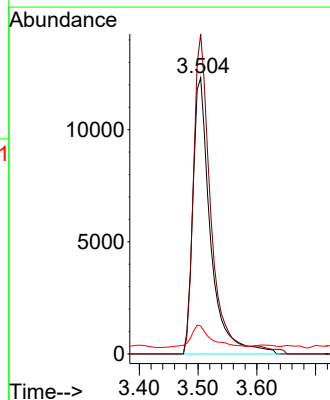
RT: 3.504 min Scan# 223

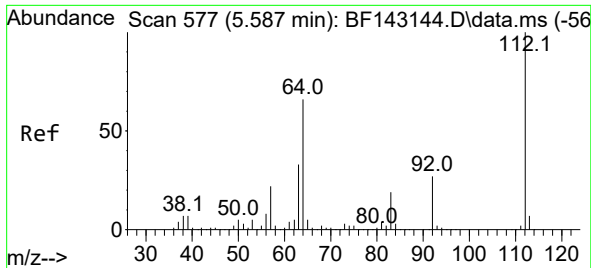
Delta R.T. -0.029 min

Lab File: BF143152.D

Acq: 17 Jul 2025 17:07

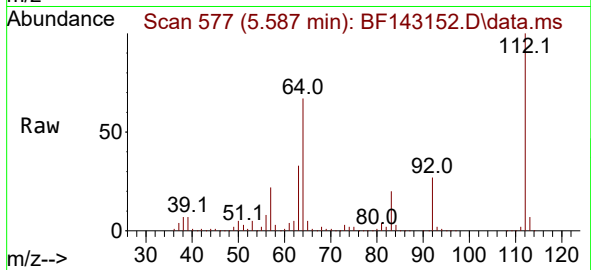
Tgt Ion: 42	Resp: 25579
Ion Ratio	Lower Upper
42 100	
74 115.8	91.7 137.5
44 10.1	5.6 8.4





#5
2-Fluorophenol
Concen: 107.157 ng
RT: 5.587 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

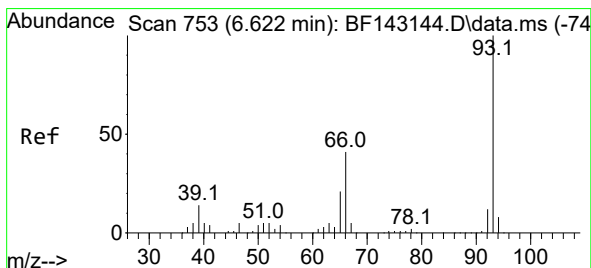
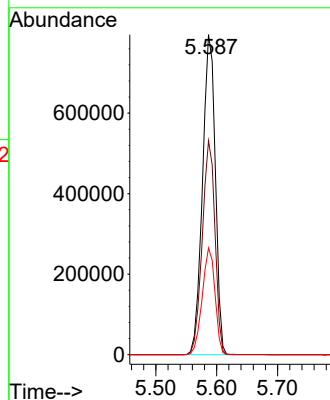
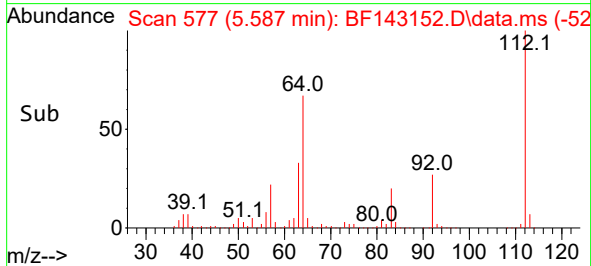
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:112 Resp: 116322
Ion Ratio Lower Upper
112 100
64 66.9 53.1 79.7
63 33.4 26.6 40.0

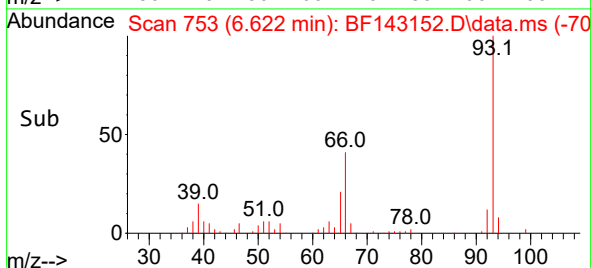
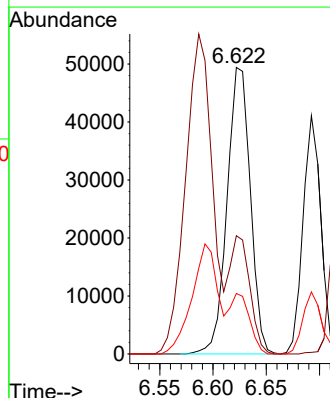
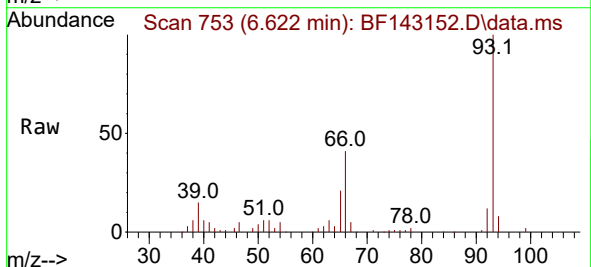
Manual Integrations
APPROVED

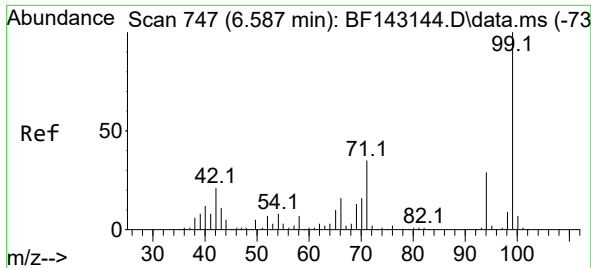
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#6
Aniline
Concen: 3.939 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

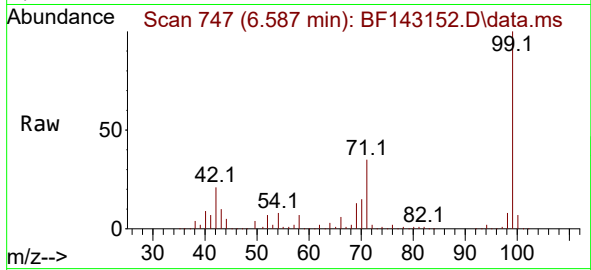
Tgt Ion: 93 Resp: 75004
Ion Ratio Lower Upper
93 100
66 41.2 33.2 49.8
65 21.1 16.9 25.3





#7
Phenol-d6
Concen: 112.236 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

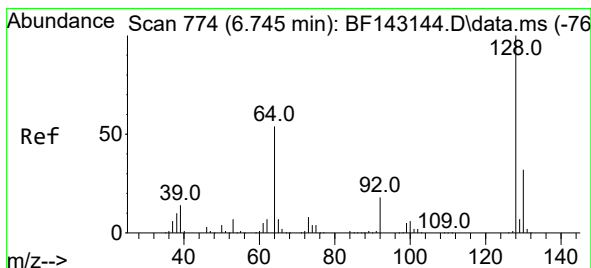
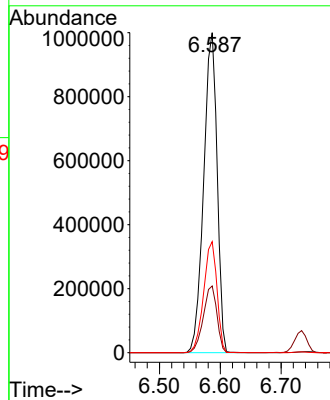
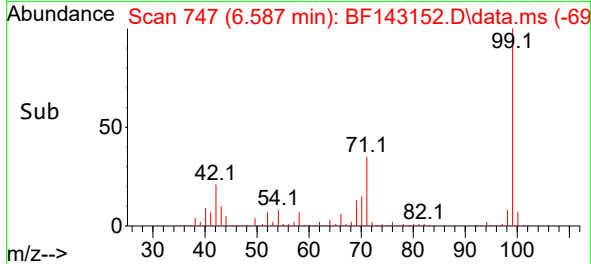
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



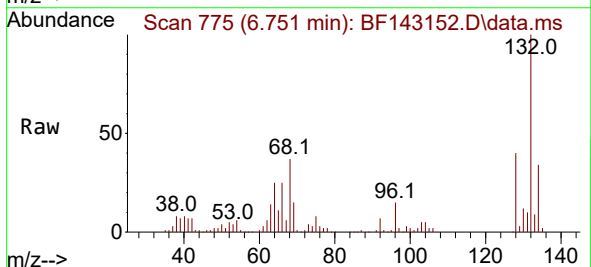
Tgt Ion: 99 Resp: 153352
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 34.7 27.7 41.5

Manual Integrations
APPROVED

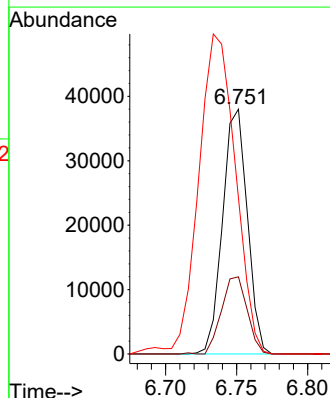
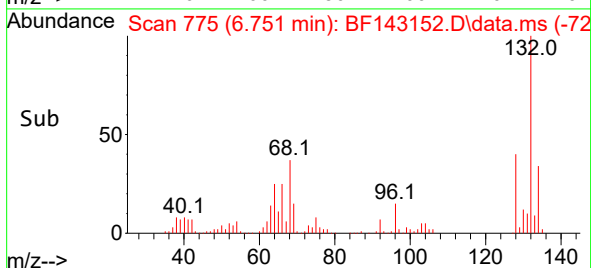
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

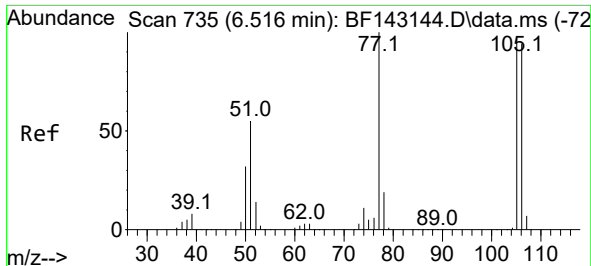


#8
2-Chlorophenol
Concen: 4.038 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07



Tgt Ion:128 Resp: 45950
Ion Ratio Lower Upper
128 100
130 31.5 12.3 52.3
64 63.8 35.9 75.9





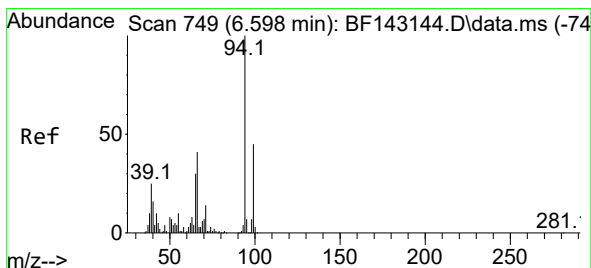
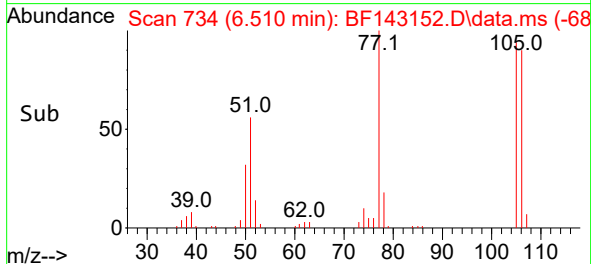
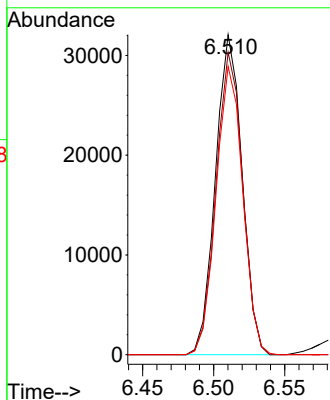
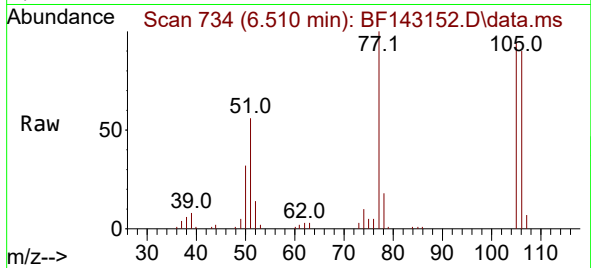
#9
Benzaldehyde
Concen: 4.074 ng
RT: 6.510 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

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

Tgt Ion: 77 Resp: 4174
Ion Ratio Lower Upper
77 100
105 94.5 76.8 116.8
106 90.0 74.4 114.4

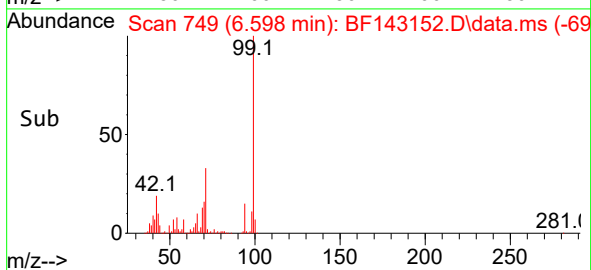
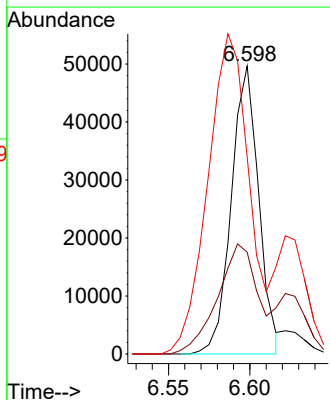
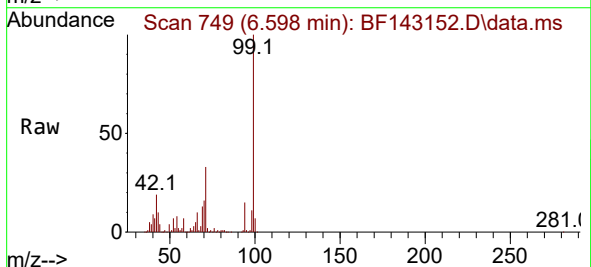
Manual Integrations
APPROVED

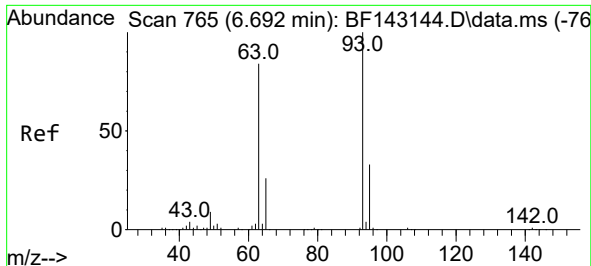
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#10
Phenol
Concen: 3.905 ng m
RT: 6.598 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

Tgt Ion: 94 Resp: 58125
Ion Ratio Lower Upper
94 100
65 35.4 10.0 50.0
66 68.5 20.8 60.8#





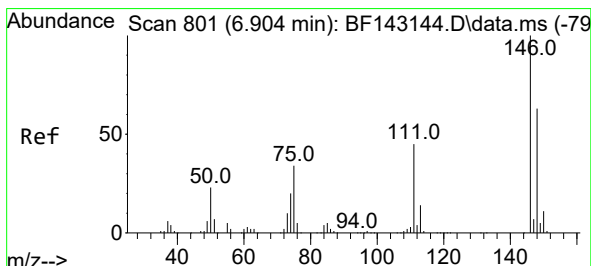
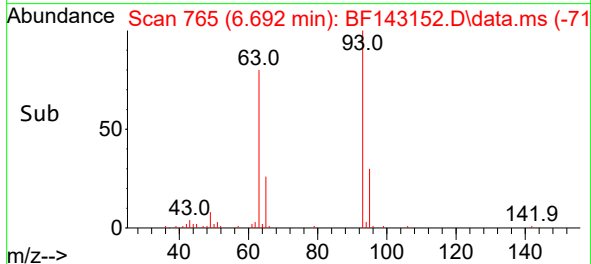
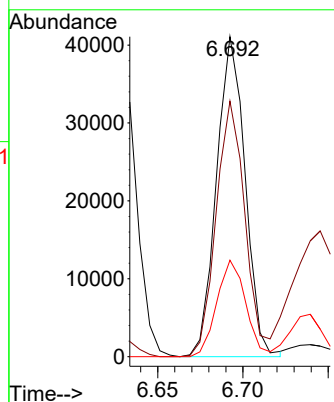
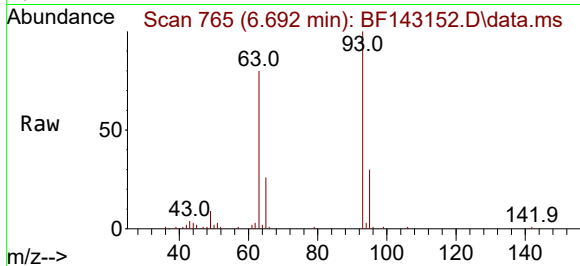
#11
bis(2-Chloroethyl)ether
Concen: 4.209 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

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

Tgt Ion: 93 Resp: 47969
Ion Ratio Lower Upper
93 100
63 79.9 63.4 103.4
95 30.2 12.4 52.4

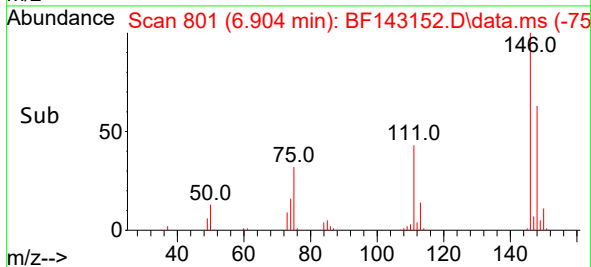
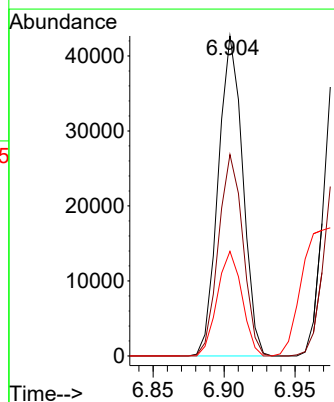
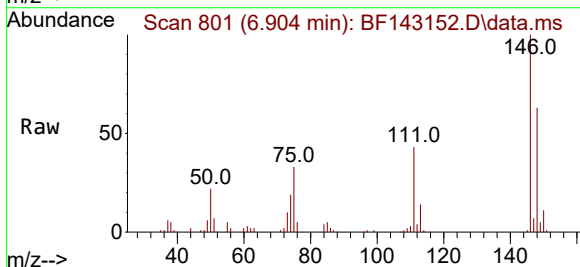
Manual Integrations
APPROVED

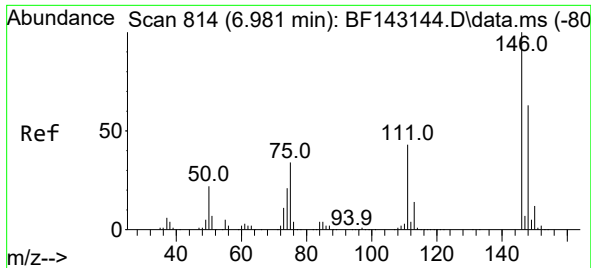
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#12
1,3-Dichlorobenzene
Concen: 4.136 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

Tgt Ion:146 Resp: 51127
Ion Ratio Lower Upper
146 100
148 63.0 50.6 76.0
75 32.7 27.4 41.2





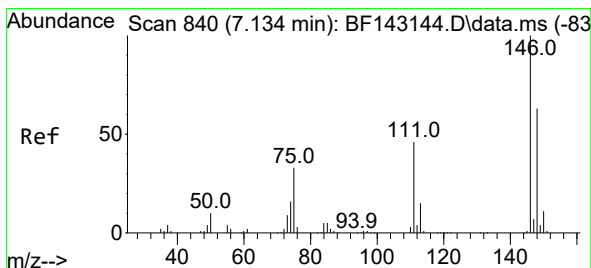
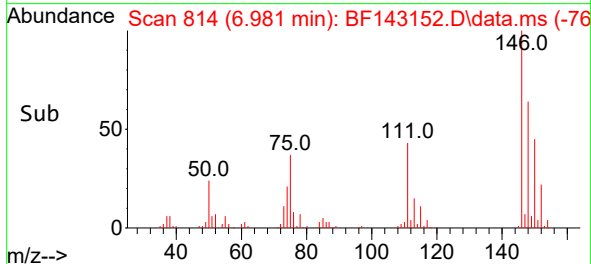
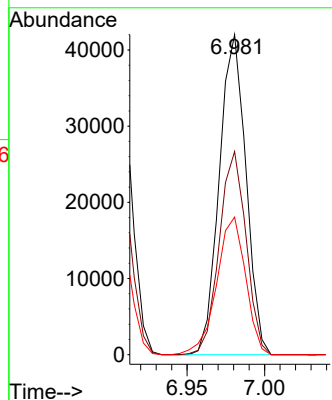
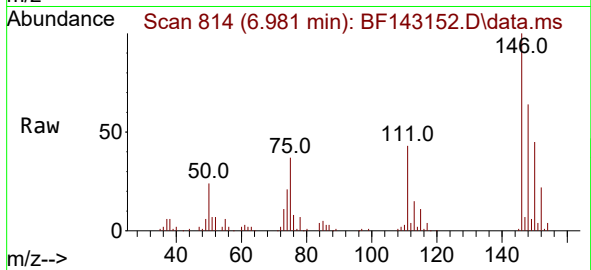
#13
1,4-Dichlorobenzene
Concen: 4.035 ng
RT: 6.981 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

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

Tgt Ion:146 Resp: 50231
Ion Ratio Lower Upper
146 100
148 63.5 50.3 75.5
111 43.0 34.4 51.6

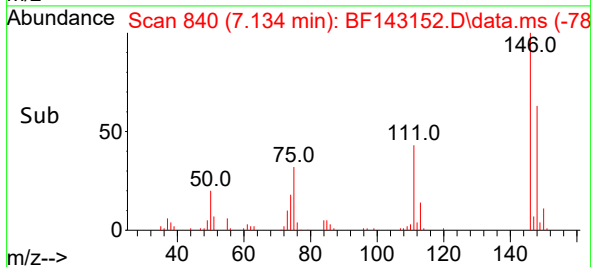
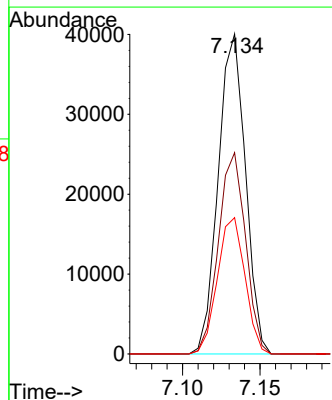
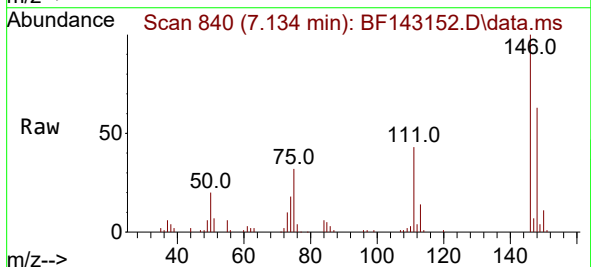
Manual Integrations
APPROVED

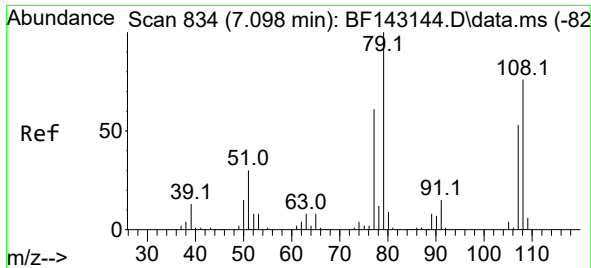
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#14
1,2-Dichlorobenzene
Concen: 4.140 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

Tgt Ion:146 Resp: 49021
Ion Ratio Lower Upper
146 100
148 62.9 50.7 76.1
111 42.6 36.6 54.8





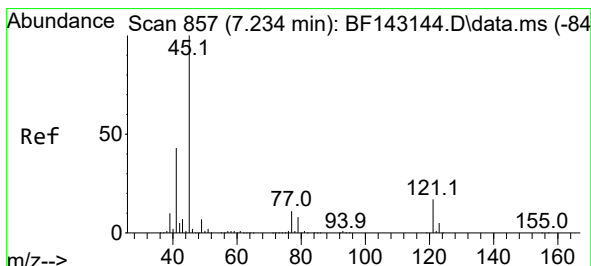
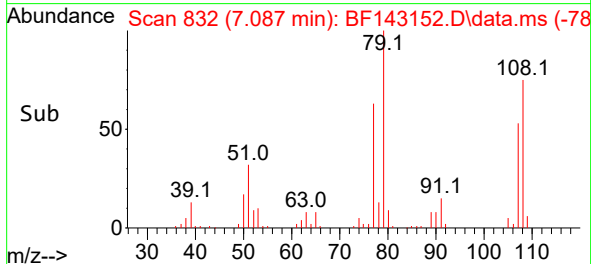
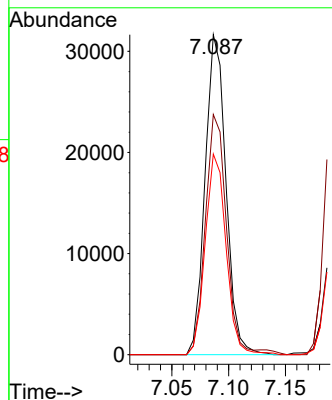
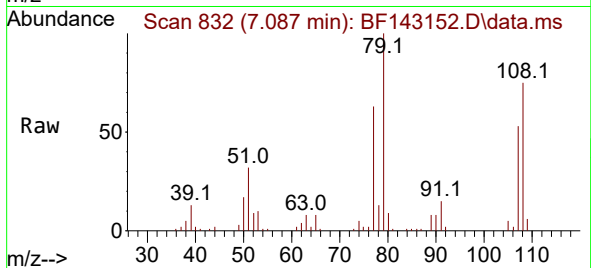
#15
Benzyl Alcohol
Concen: 3.870 ng
RT: 7.087 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

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

Tgt Ion: 79 Resp: 40370
Ion Ratio Lower Upper
79 100
108 75.1 61.1 91.7
77 62.7 48.9 73.3

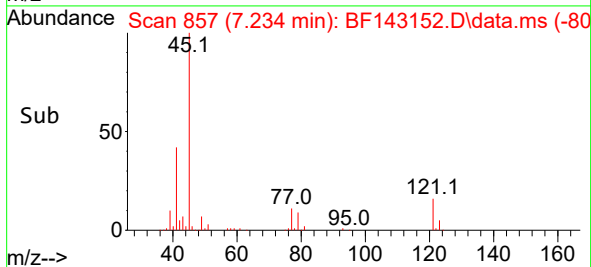
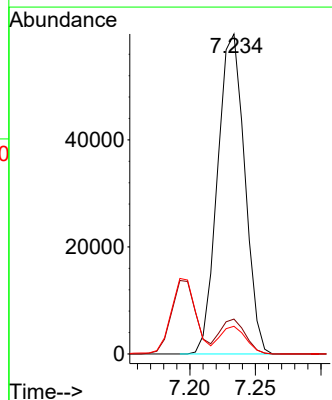
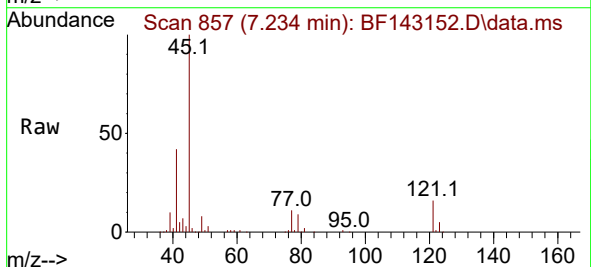
Manual Integrations
APPROVED

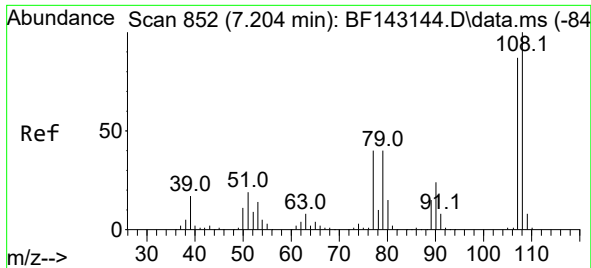
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.075 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

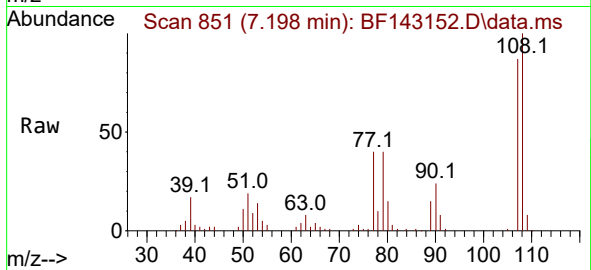
Tgt Ion: 45 Resp: 86147
Ion Ratio Lower Upper
45 100
77 10.9 0.0 31.2
79 8.6 0.0 28.5





#17
2-Methylphenol
Concen: 3.933 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

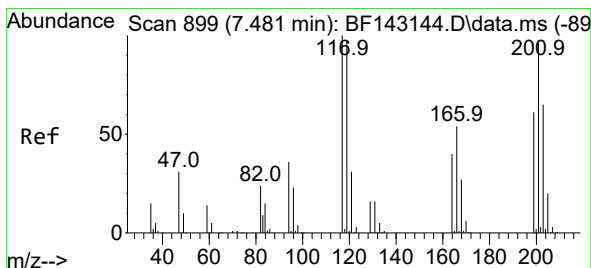
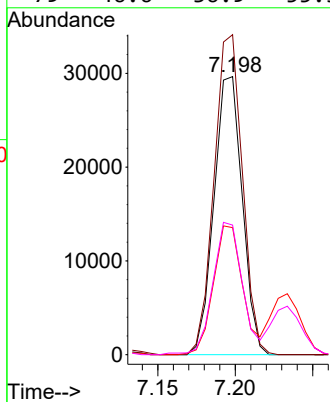
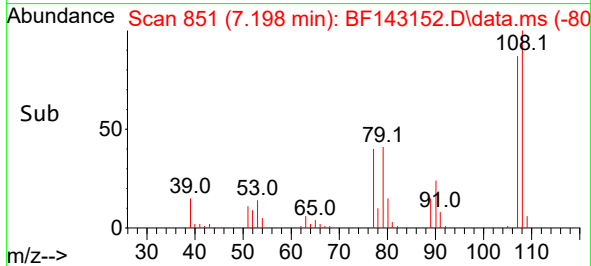
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:107 Resp: 37620
Ion Ratio Lower Upper
107 100
108 115.1 91.8 137.6
77 45.7 37.0 55.6
79 46.6 36.9 55.3

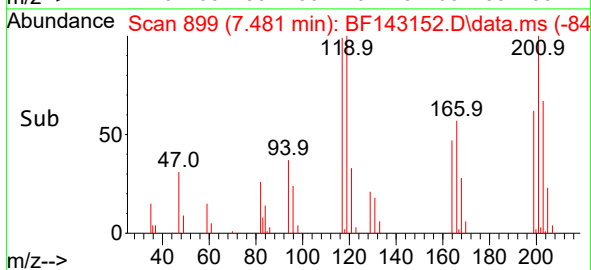
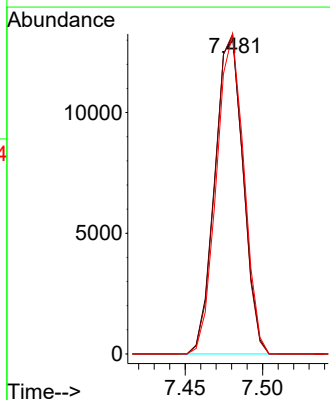
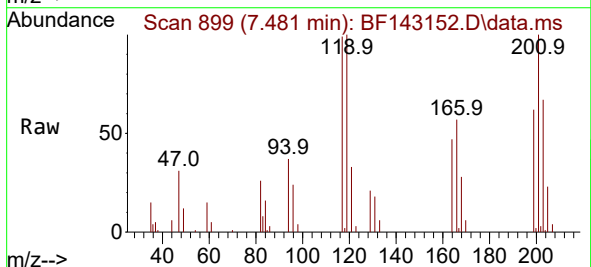
Manual Integrations
APPROVED

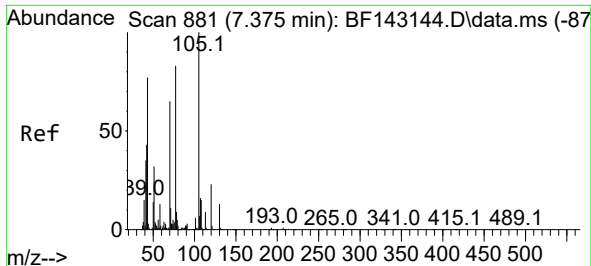
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#18
Hexachloroethane
Concen: 3.892 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

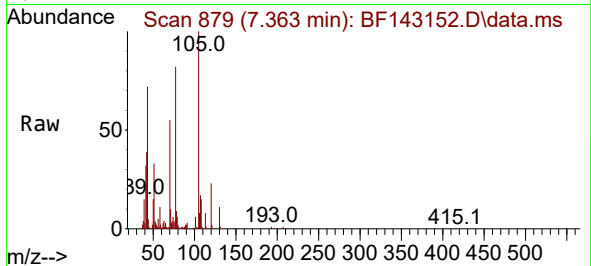
Tgt Ion:117 Resp: 16773
Ion Ratio Lower Upper
117 100
119 100.7 77.8 116.8
201 100.7 77.0 115.4





#19
n-Nitroso-di-n-propylamine
Concen: 4.059 ng
RT: 7.363 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

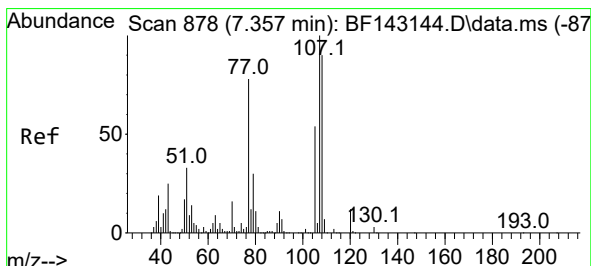
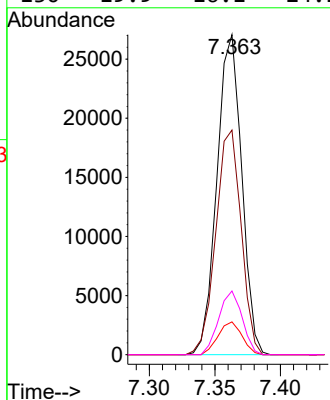
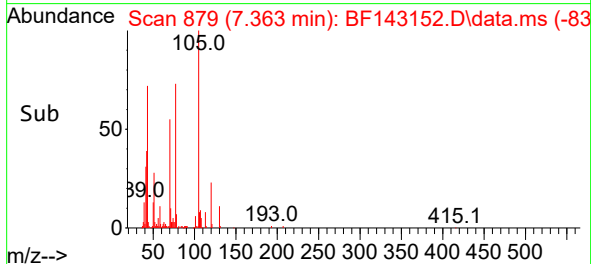
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



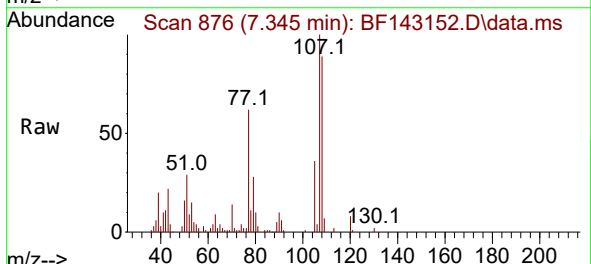
Tgt Ion: 70 Resp: 3558
Ion Ratio Lower Upper
70 100
42 70.2 52.5 78.7
101 10.3 7.6 11.4
130 19.9 16.1 24.1

Manual Integrations
APPROVED

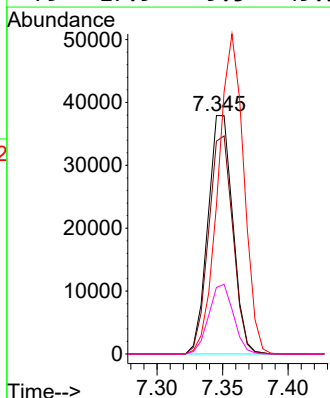
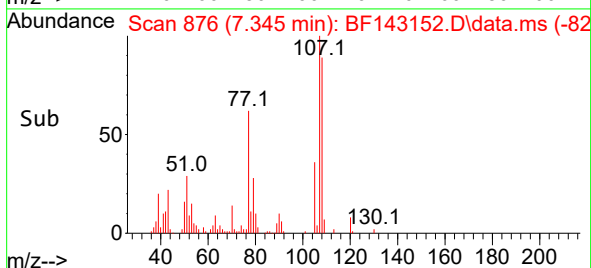
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

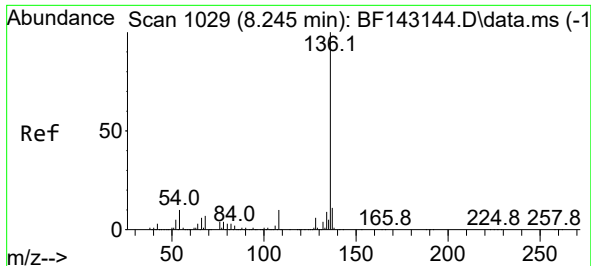


#20
3+4-Methylphenols
Concen: 4.294 ng
RT: 7.345 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07



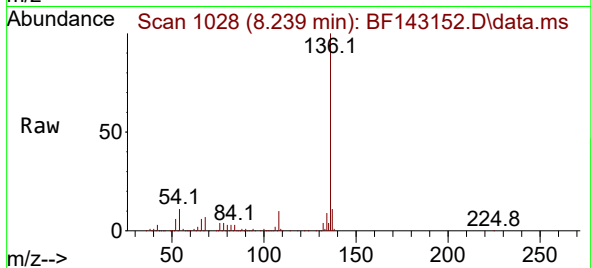
Tgt Ion:107 Resp: 49848
Ion Ratio Lower Upper
107 100
108 89.2 70.0 110.0
77 62.3 57.8 97.8
79 27.9 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

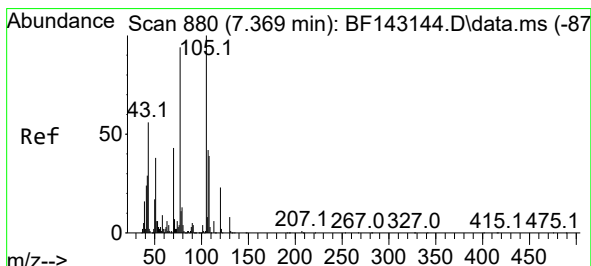
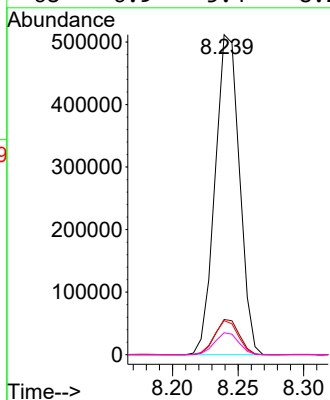
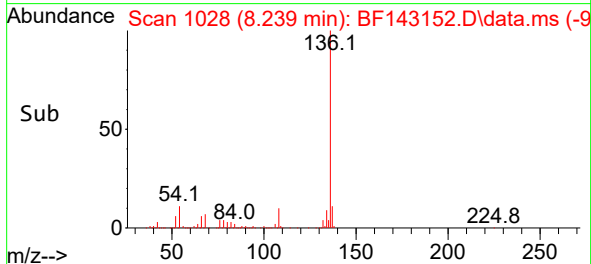
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:136 Resp: 66073
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.6 8.2 12.2
68 6.9 5.4 8.2

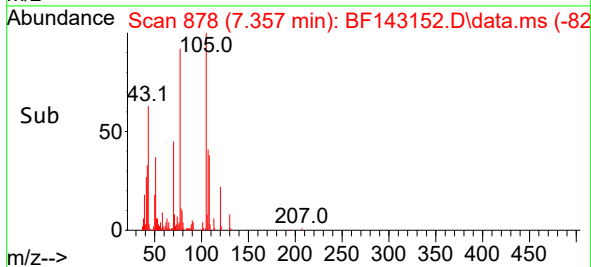
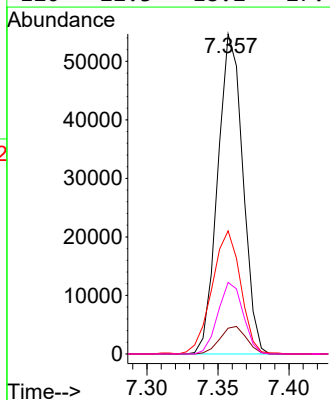
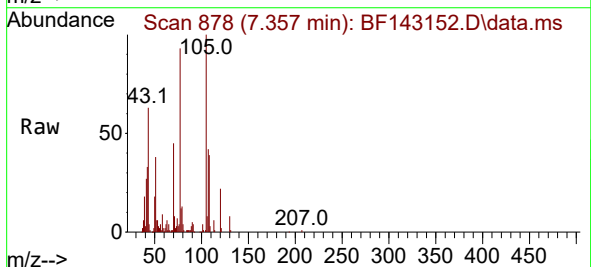
Manual Integrations
APPROVED

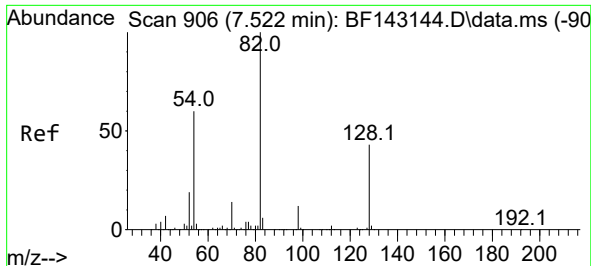
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#22
Acetophenone
Concen: 4.306 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

Tgt Ion:105 Resp: 67353
Ion Ratio Lower Upper
105 100
71 8.0 5.8 8.6
51 38.5 30.2 45.2
120 22.3 18.2 27.4





#23

Nitrobenzene-d5

Concen: 76.711 ng

RT: 7.522 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF143152.D

Acq: 17 Jul 2025 17:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 82 Resp: 1016828

Ion Ratio Lower Upper

82 100

128 43.8 33.6 50.4

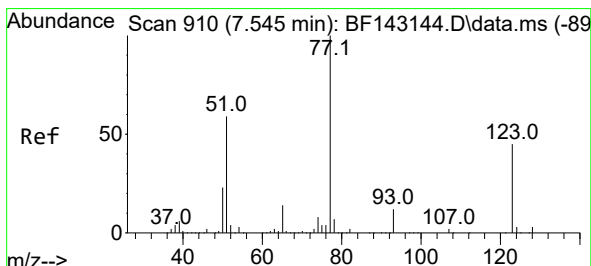
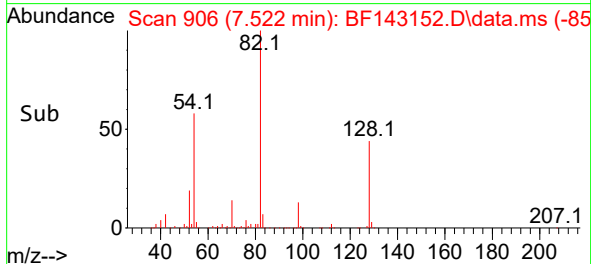
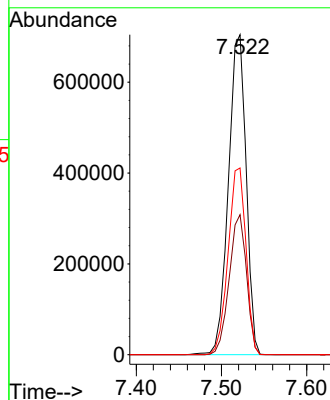
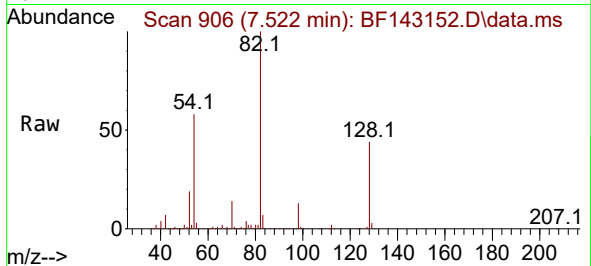
54 58.3 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#24

Nitrobenzene

Concen: 4.366 ng

RT: 7.534 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF143152.D

Acq: 17 Jul 2025 17:07

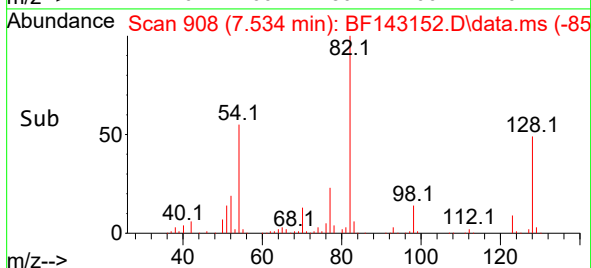
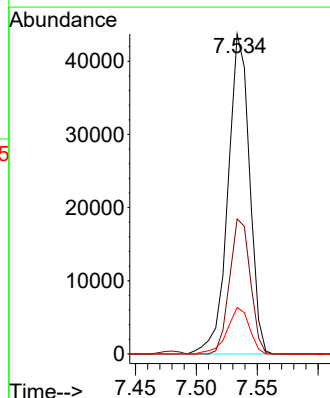
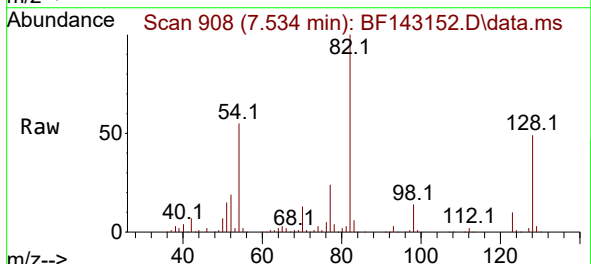
Tgt Ion: 77 Resp: 53950

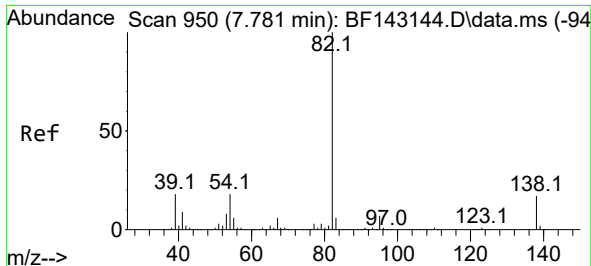
Ion Ratio Lower Upper

77 100

123 42.2 36.1 54.1

65 14.6 11.4 17.2





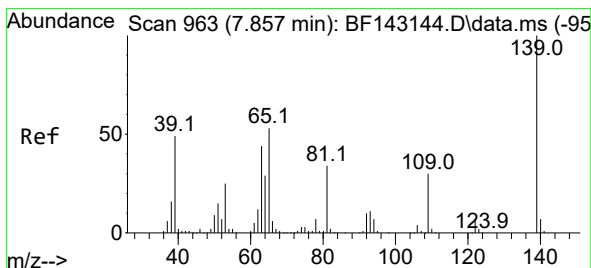
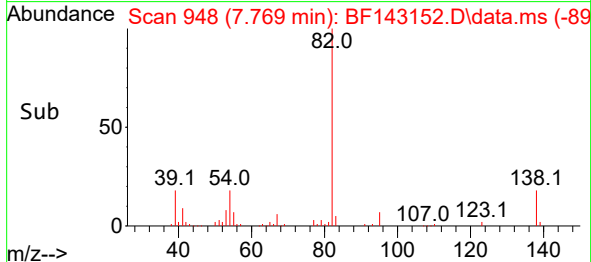
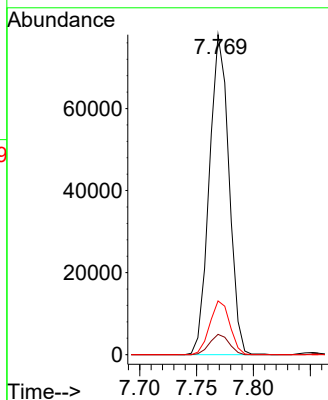
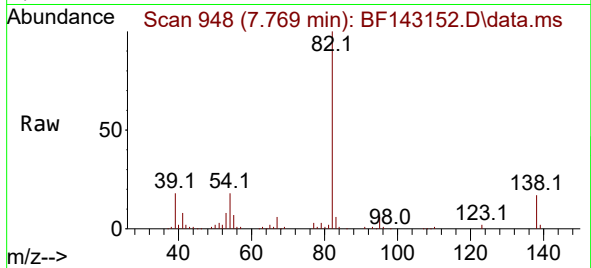
#25
Isophorone
Concen: 4.004 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.012 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

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

Tgt Ion: 82 Resp: 93702
Ion Ratio Lower Upper
82 100
95 6.3 5.5 8.3
138 16.8 13.8 20.8

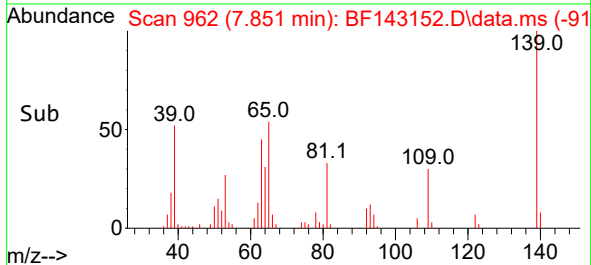
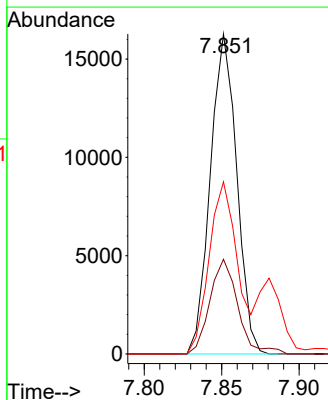
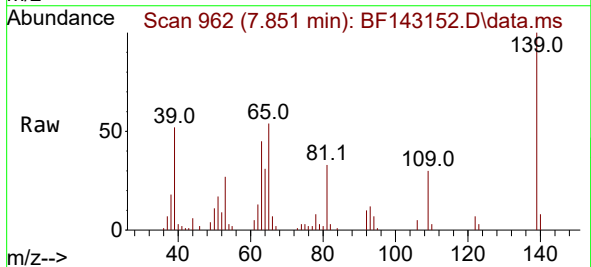
Manual Integrations
APPROVED

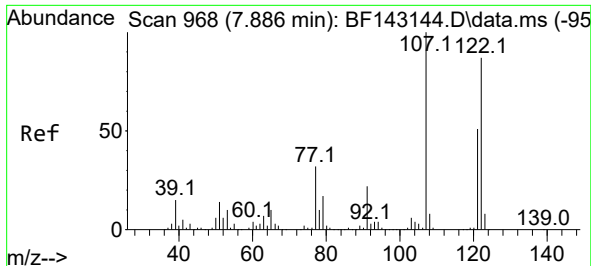
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#26
2-Nitrophenol
Concen: 3.593 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

Tgt Ion:139 Resp: 19271
Ion Ratio Lower Upper
139 100
109 29.6 23.6 35.4
65 53.8 42.6 64.0





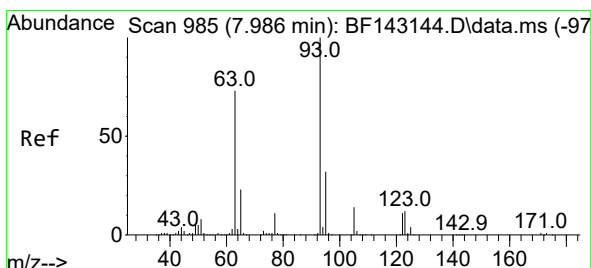
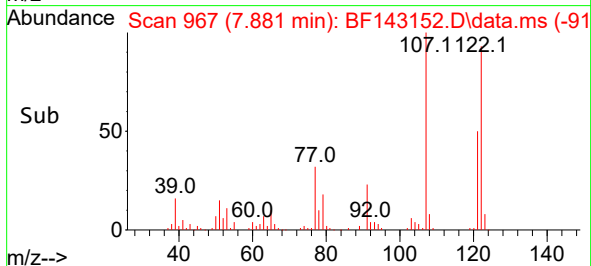
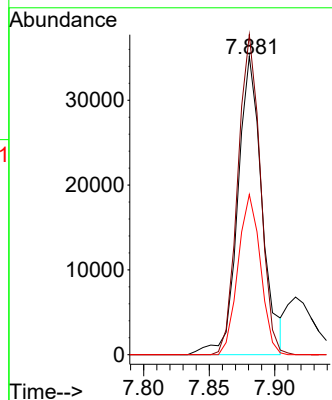
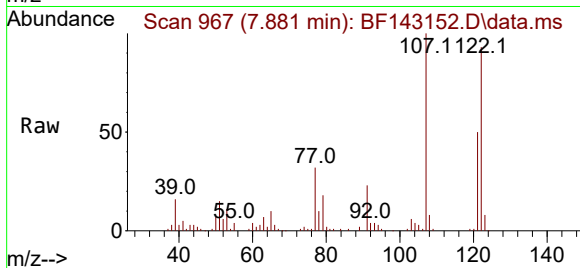
#27
2,4-Dimethylphenol
Concen: 4.142 ng
RT: 7.881 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

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

Tgt Ion:122 Resp: 45279
Ion Ratio Lower Upper
122 100
107 107.2 91.8 137.6
121 53.6 46.3 69.5

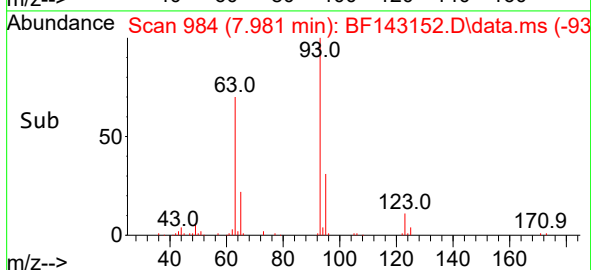
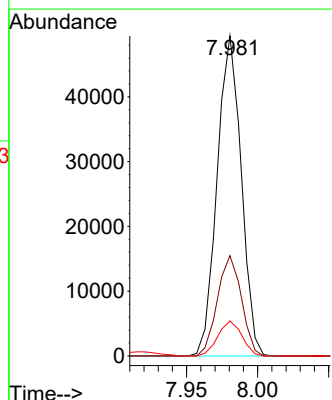
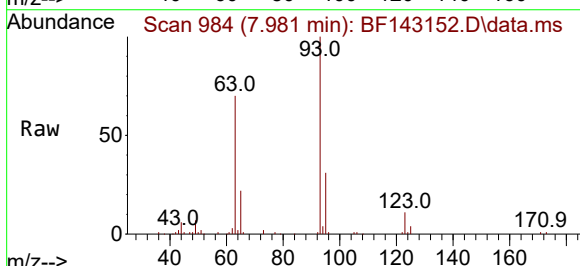
Manual Integrations
APPROVED

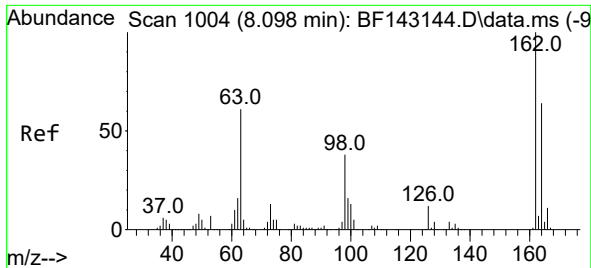
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#28
bis(2-Chloroethoxy)methane
Concen: 4.148 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

Tgt Ion: 93 Resp: 58201
Ion Ratio Lower Upper
93 100
95 31.4 25.8 38.6
123 11.0 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 3.970 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF143152.D

Acq: 17 Jul 2025 17:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2025

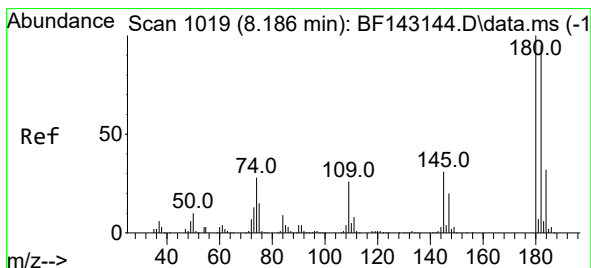
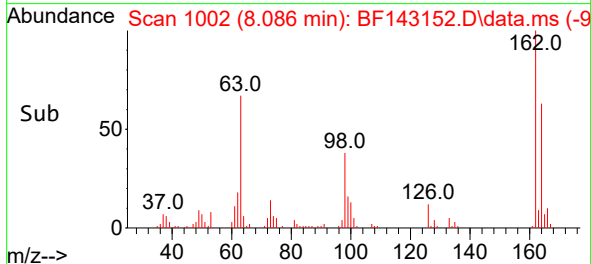
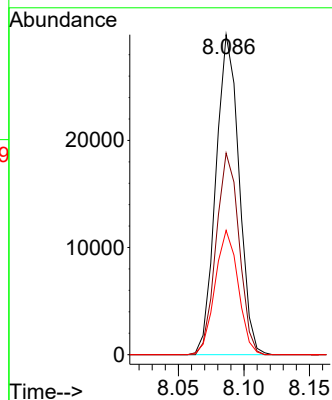
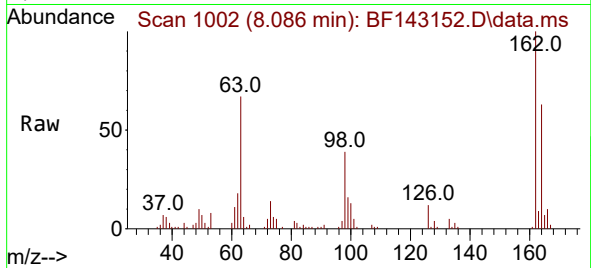
Tgt Ion:162	Resp:	36600
Ion Ratio	Lower	Upper
162	100	
164	63.0	44.2 84.2
98	38.9	17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 4.161 ng

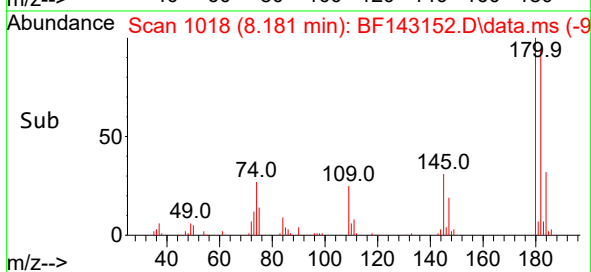
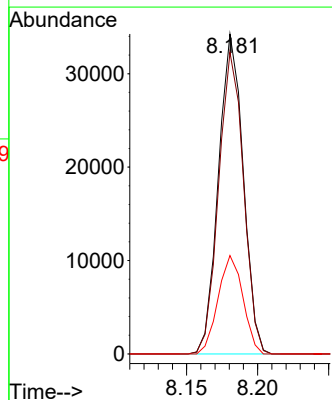
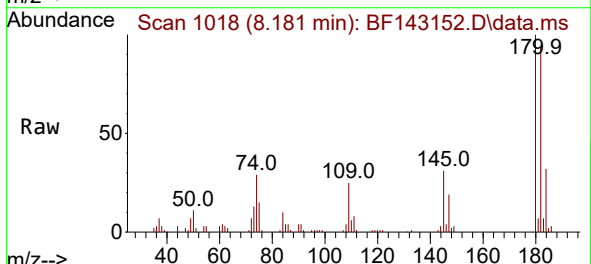
RT: 8.181 min Scan# 1018

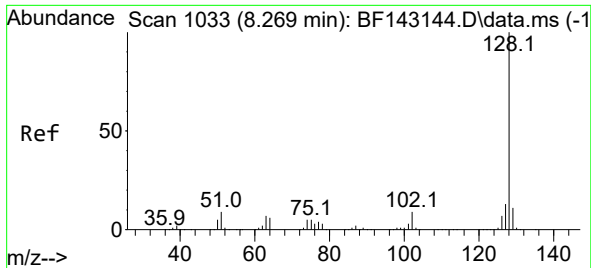
Delta R.T. -0.006 min

Lab File: BF143152.D

Acq: 17 Jul 2025 17:07

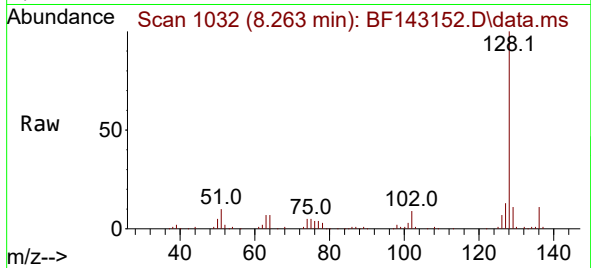
Tgt Ion:180	Resp:	41445
Ion Ratio	Lower	Upper
180	100	
182	94.2	76.2 114.2
145	30.8	25.0 37.6





#31
Naphthalene
Concen: 4.246 ng
RT: 8.263 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

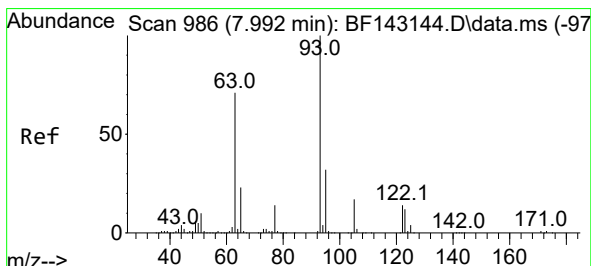
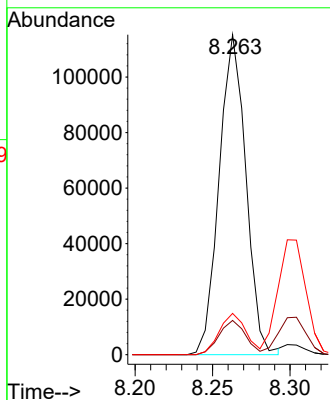
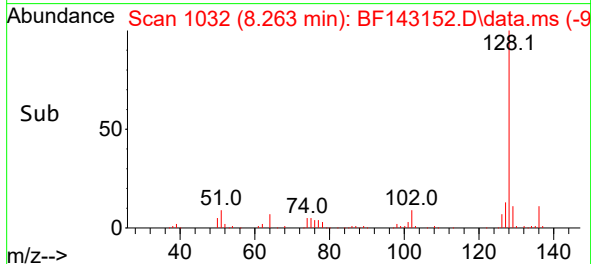
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2025



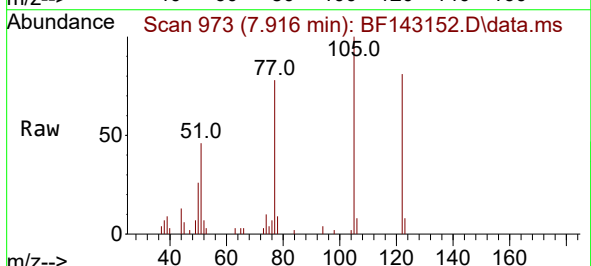
Tgt Ion:128 Resp: 13818
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 12.9 10.6 16.0

Manual Integrations
APPROVED

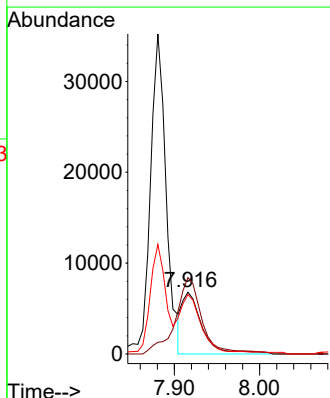
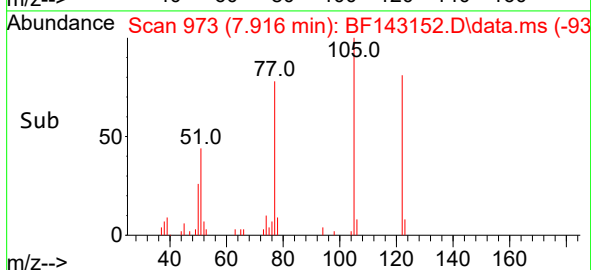
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

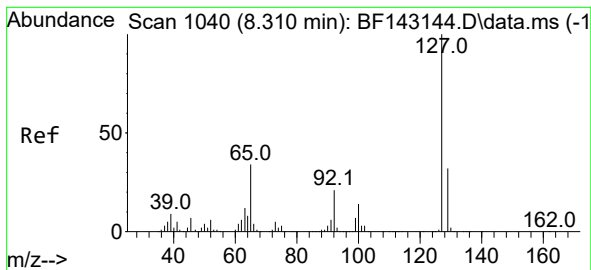


#32
Benzoic acid
Concen: 6.800 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.076 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07



Tgt Ion:122 Resp: 11199
Ion Ratio Lower Upper
122 100
105 123.7 104.8 144.8
77 96.1 77.6 117.6





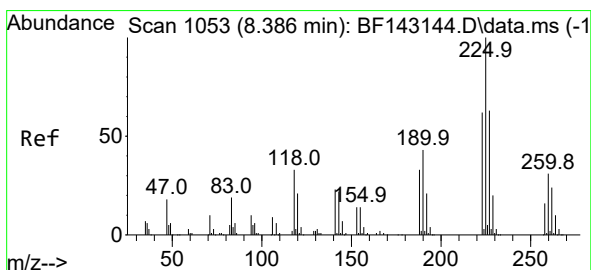
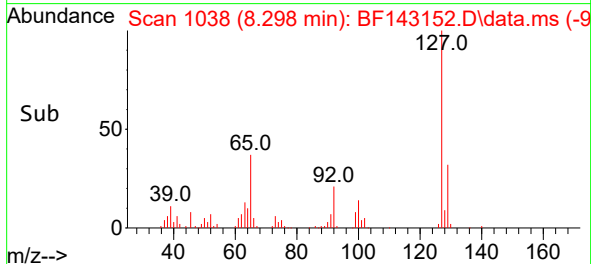
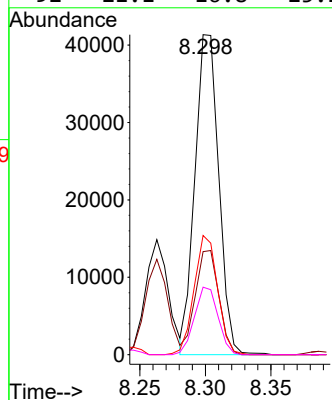
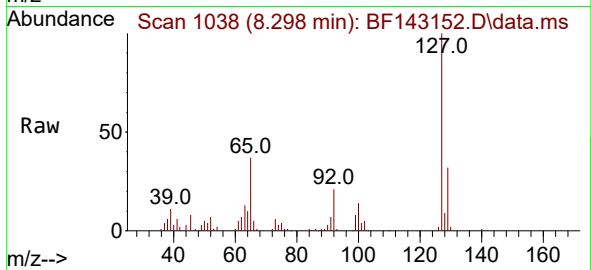
#33
4-Chloroaniline
Concen: 3.946 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

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

Tgt Ion:127 Resp: 52428
Ion Ratio Lower Upper
127 100
129 32.2 26.0 39.0
65 37.2 27.4 41.2
92 21.1 16.8 25.2

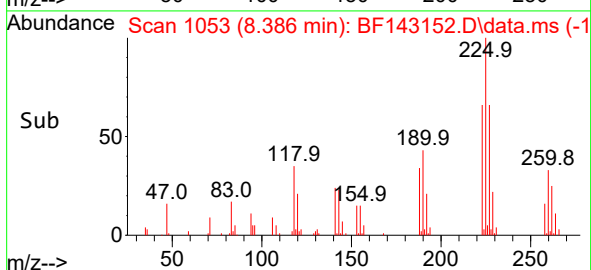
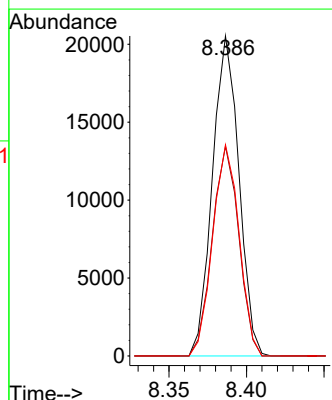
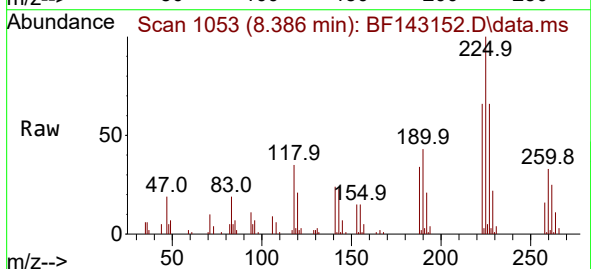
Manual Integrations
APPROVED

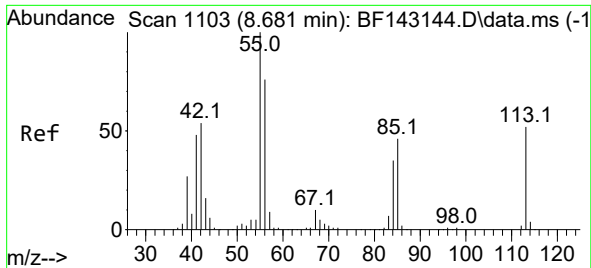
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#34
Hexachlorobutadiene
Concen: 4.005 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

Tgt Ion:225 Resp: 24367
Ion Ratio Lower Upper
225 100
223 65.5 49.8 74.6
227 66.0 50.2 75.4





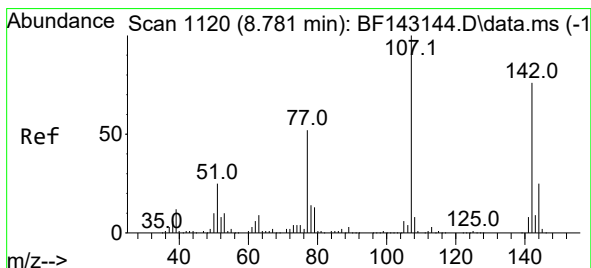
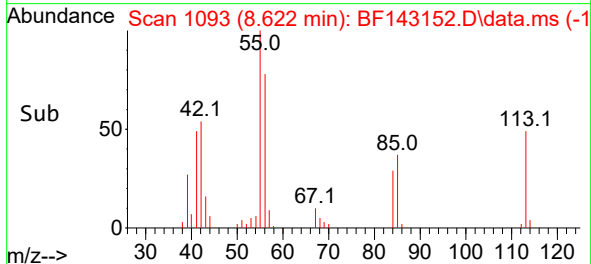
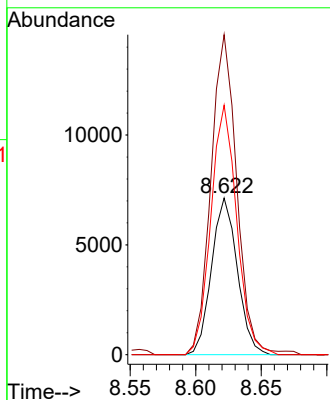
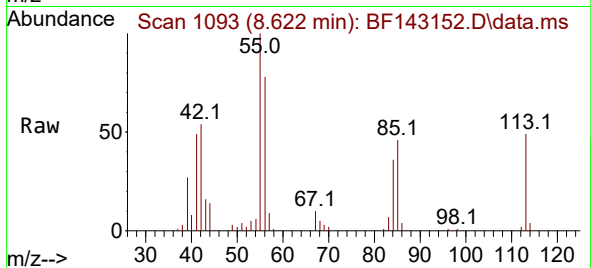
#35
 Caprolactam
 Concen: 3.497 ng
 RT: 8.622 min Scan# 1103
 Delta R.T. -0.059 min
 Lab File: BF143152.D
 Acq: 17 Jul 2025 17:07

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

Tgt Ion:113 Resp: 974
 Ion Ratio Lower Upper
 113 100
 55 204.3 174.0 214.0
 56 159.3 126.6 166.6

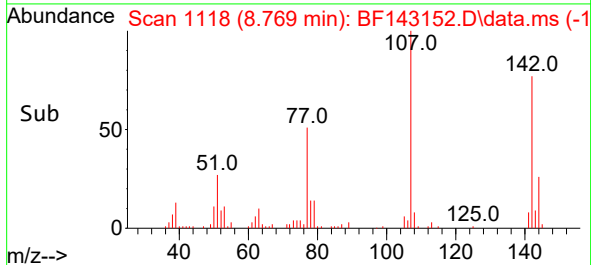
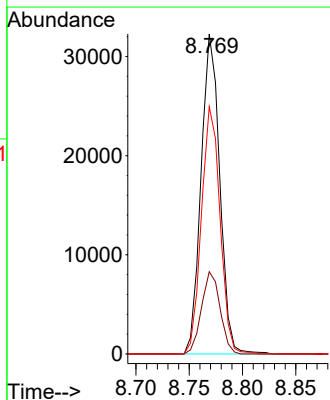
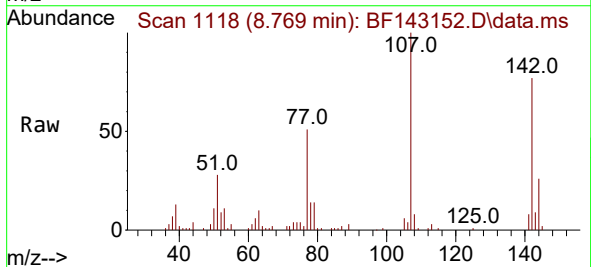
Manual Integrations
 APPROVED

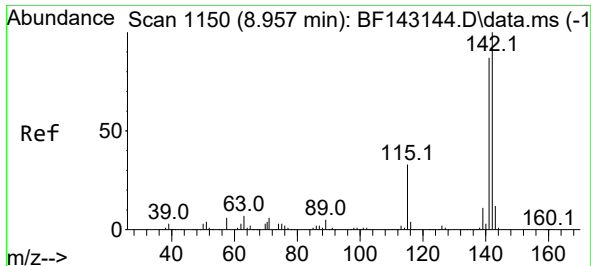
Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025



#36
 4-Chloro-3-methylphenol
 Concen: 3.933 ng
 RT: 8.769 min Scan# 1118
 Delta R.T. -0.012 min
 Lab File: BF143152.D
 Acq: 17 Jul 2025 17:07

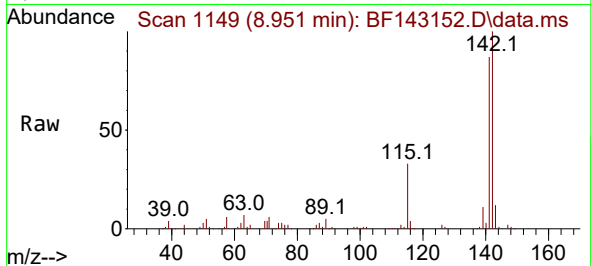
Tgt Ion:107 Resp: 39415
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.8 29.6
 142 77.3 60.6 90.8





#37
2-Methylnaphthalene
Concen: 4.232 ng
RT: 8.951 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

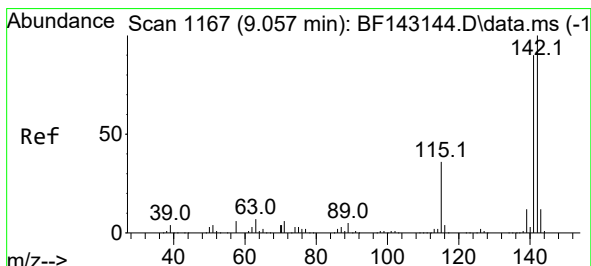
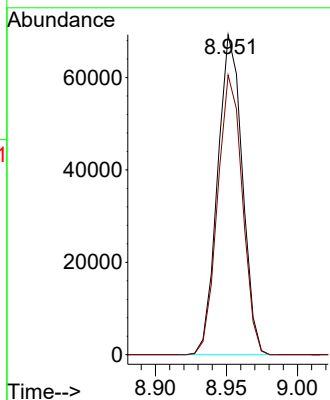
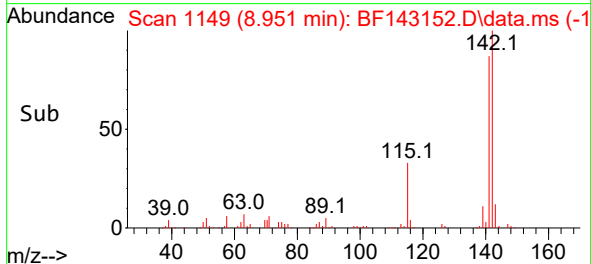
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:142 Resp: 83794
Ion Ratio Lower Upper
142 100
141 87.4 69.9 104.9

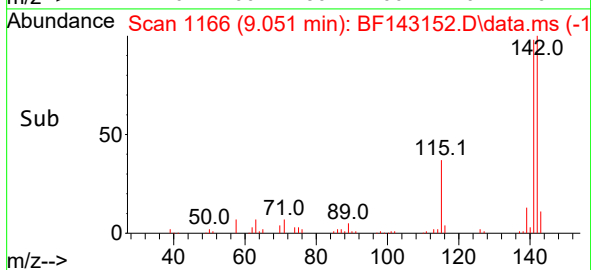
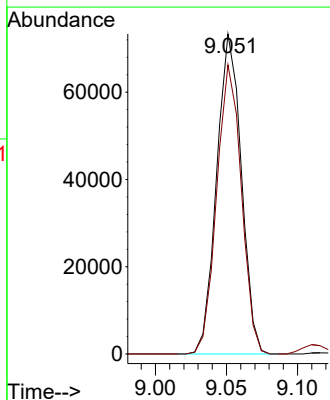
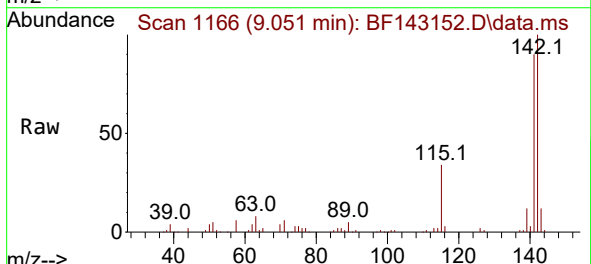
Manual Integrations
APPROVED

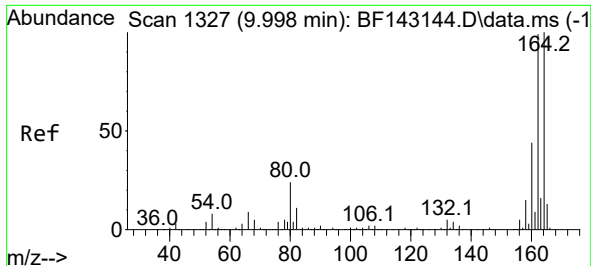
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#38
1-Methylnaphthalene
Concen: 4.343 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

Tgt Ion:142 Resp: 88551
Ion Ratio Lower Upper
142 100
141 90.4 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: BF143152.D

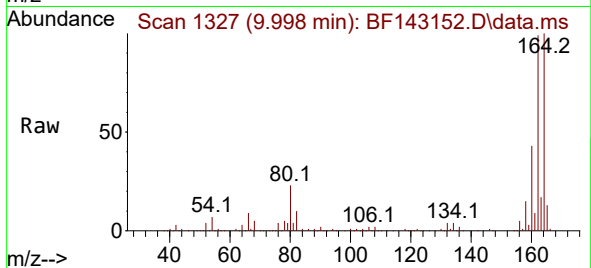
Acq: 17 Jul 2025 17:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2025



Tgt Ion:164 Resp: 343638

Ion Ratio Lower Upper

164 100

162 98.7 79.0 118.6

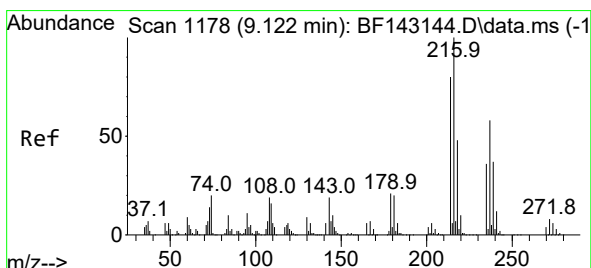
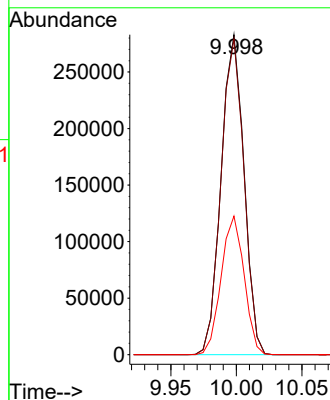
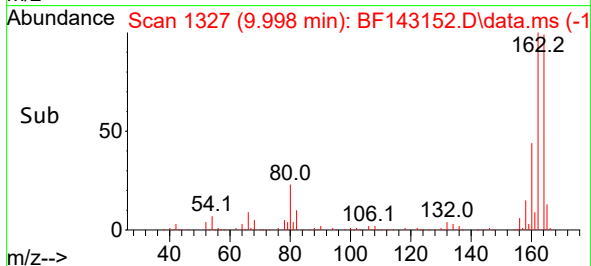
160 43.3 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.249 ng

RT: 9.122 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF143152.D

Acq: 17 Jul 2025 17:07

Tgt Ion:216 Resp: 42152

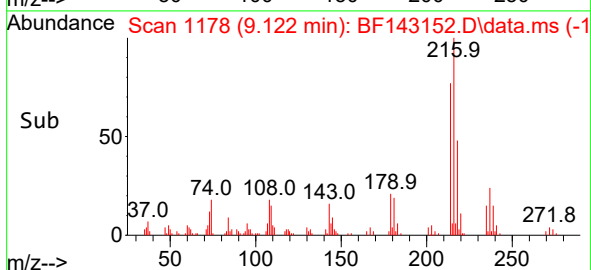
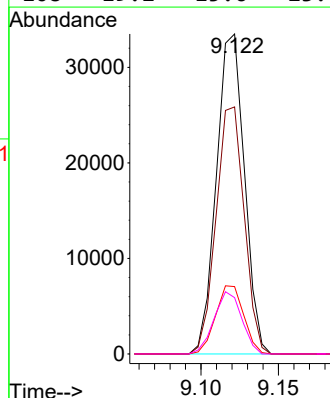
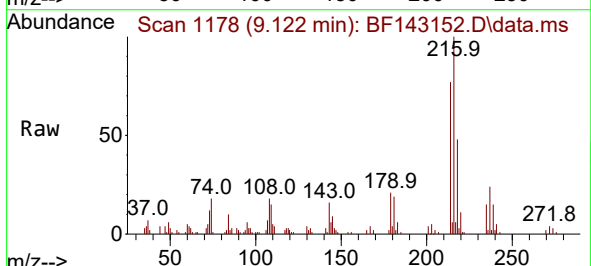
Ion Ratio Lower Upper

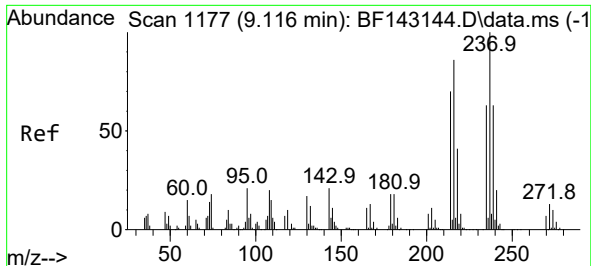
216 100

214 77.4 63.8 95.8

179 21.4 16.4 24.6

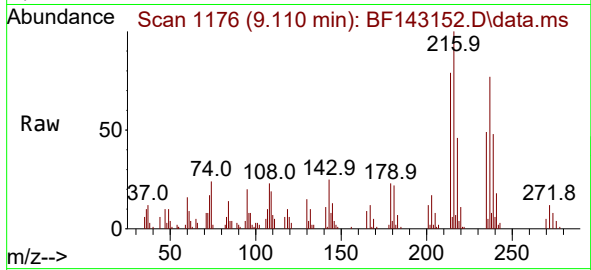
108 19.2 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 2.794 ng
RT: 9.110 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

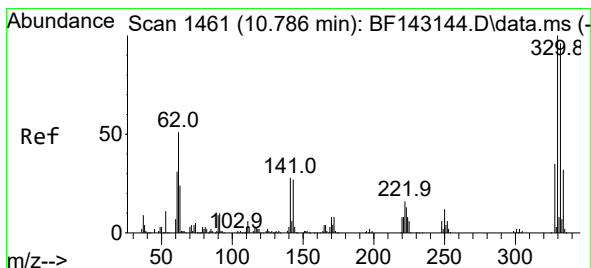
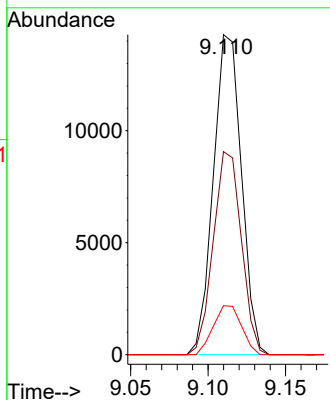
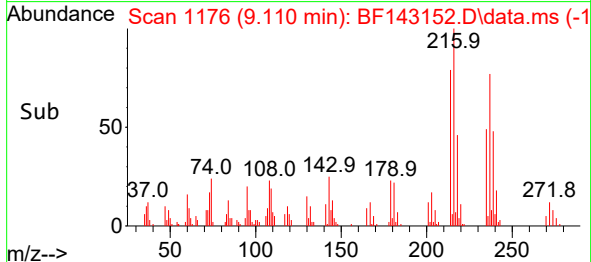
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



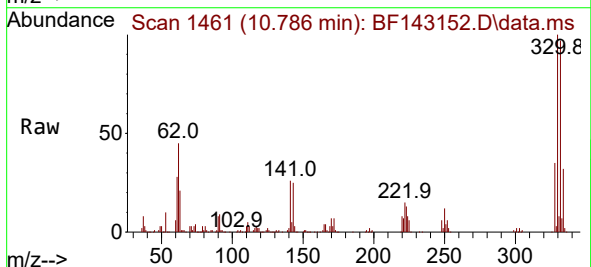
Tgt Ion:237 Resp: 18039
Ion Ratio Lower Upper
237 100
235 63.4 43.0 83.0
272 15.3 0.0 33.3

Manual Integrations
APPROVED

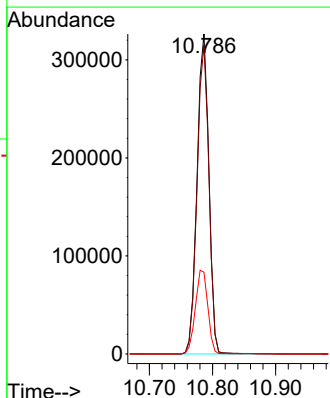
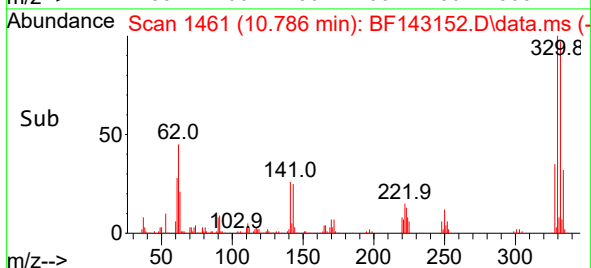
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

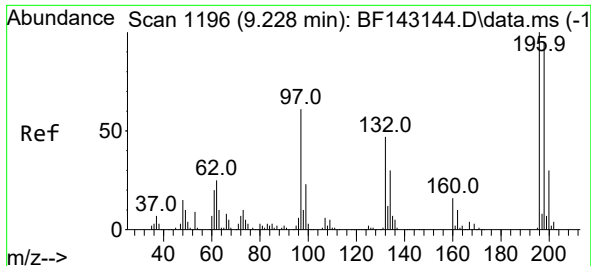


#42
2,4,6-Tribromophenol
Concen: 119.805 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07



Tgt Ion:330 Resp: 425303
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 27.5 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 3.761 ng

RT: 9.222 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF143152.D

Acq: 17 Jul 2025 17:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2025

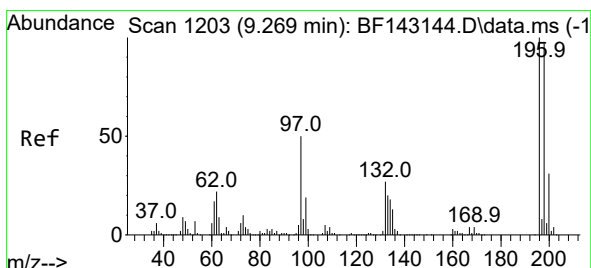
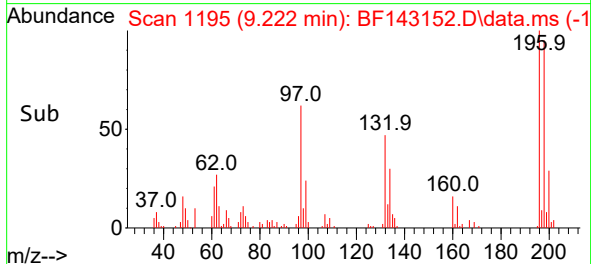
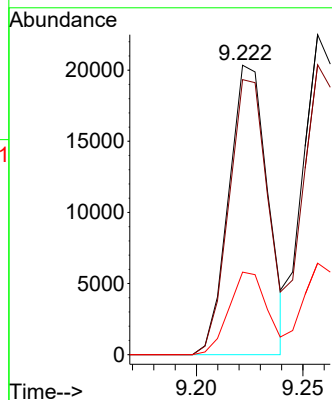
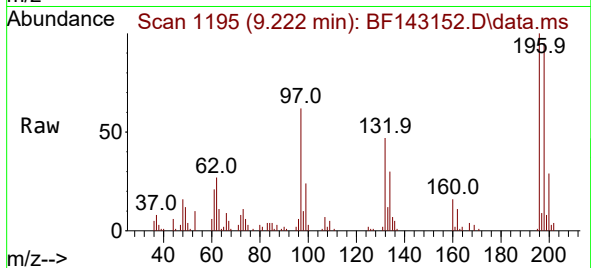
Tgt Ion:	196	Resp:	25824
Ion Ratio	Lower	Upper	
196	100		
198	95.0	76.2	114.2
200	28.5	23.9	35.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

Concen: 4.095 ng

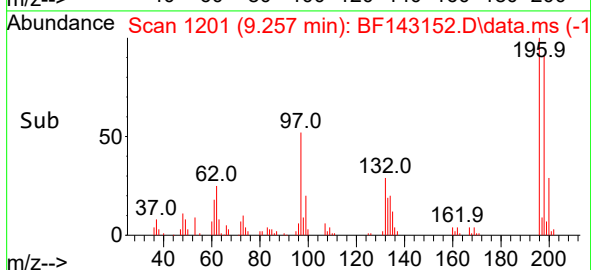
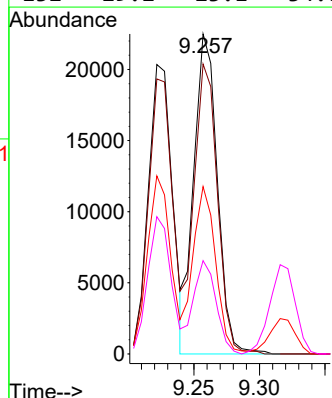
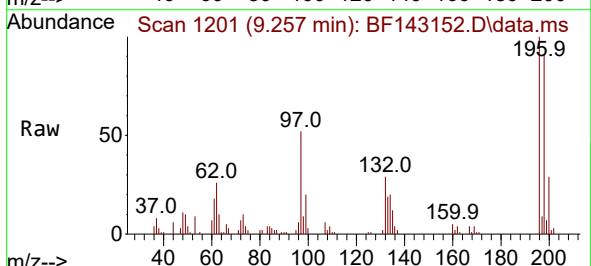
RT: 9.257 min Scan# 1201

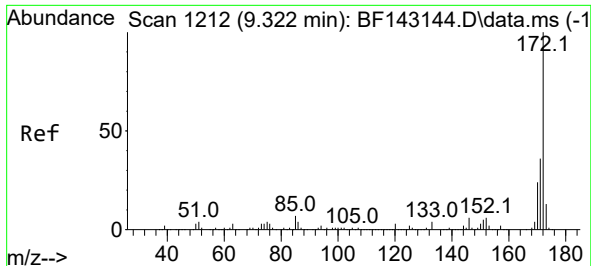
Delta R.T. -0.012 min

Lab File: BF143152.D

Acq: 17 Jul 2025 17:07

Tgt Ion:	196	Resp:	28125
Ion Ratio	Lower	Upper	
196	100		
198	90.6	77.3	115.9
97	52.3	40.3	60.5
132	29.2	23.1	34.7





#45

2-Fluorobiphenyl

Concen: 71.741 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143152.D

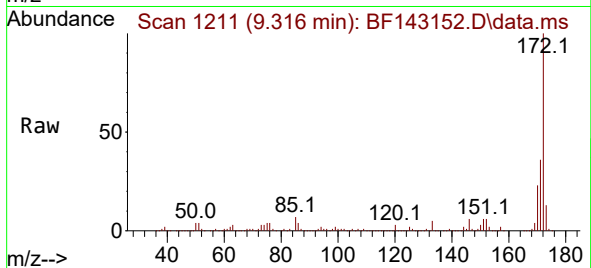
Acq: 17 Jul 2025 17:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2025



Tgt Ion:172 Resp: 1802619

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

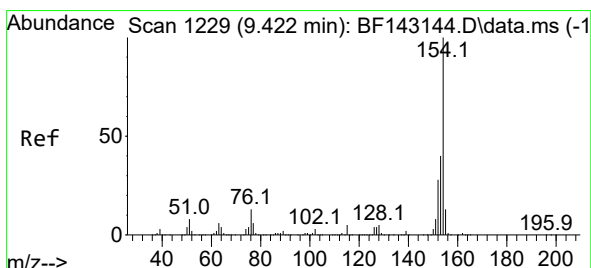
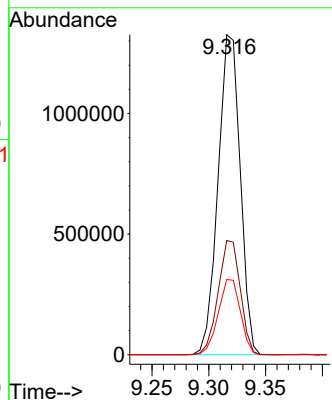
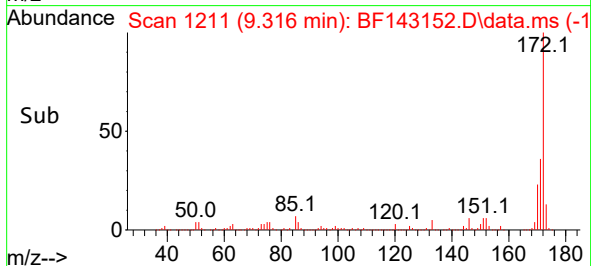
170 23.5 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#46

1,1'-Biphenyl

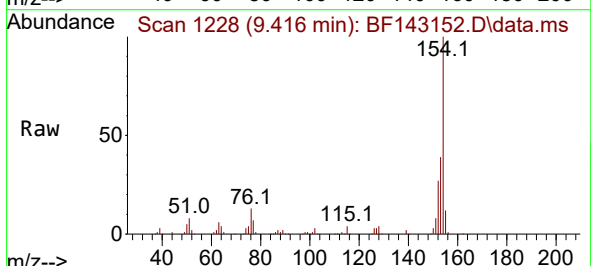
Concen: 4.373 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143152.D

Acq: 17 Jul 2025 17:07



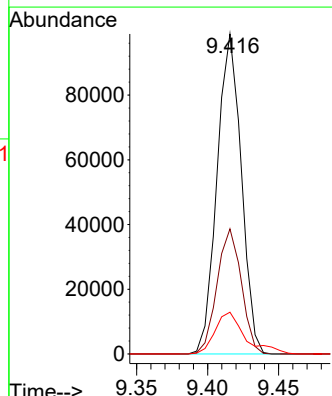
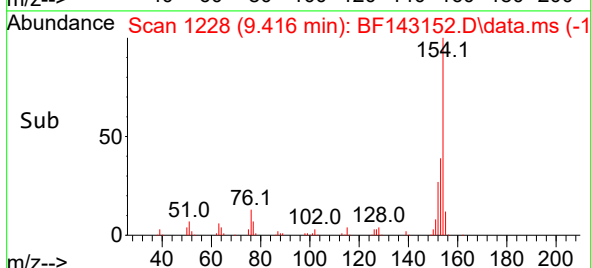
Tgt Ion:154 Resp: 117237

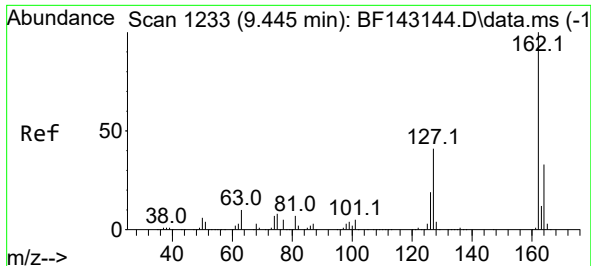
Ion Ratio Lower Upper

154 100

153 39.1 20.3 60.3

76 13.0 0.0 33.3





#47

2-Chloronaphthalene

Concen: 4.209 ng

RT: 9.439 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF143152.D

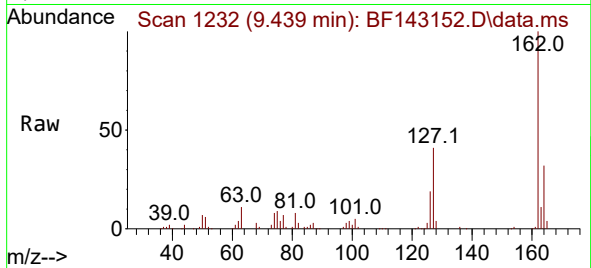
Acq: 17 Jul 2025 17:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2025



Tgt Ion:162 Resp: 8350

Ion Ratio Lower Upper

162 100

127 41.0 33.4 50.2

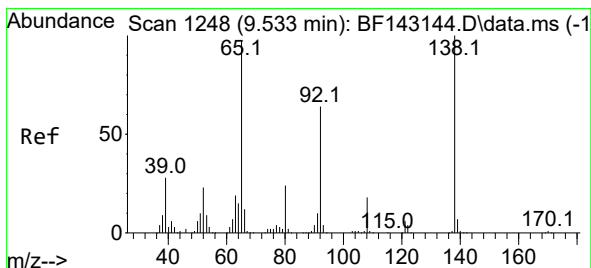
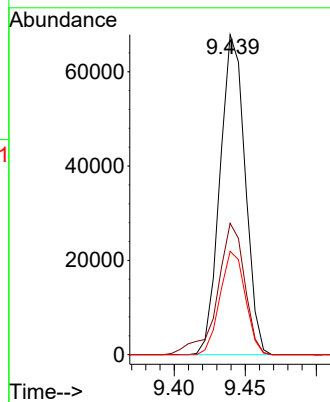
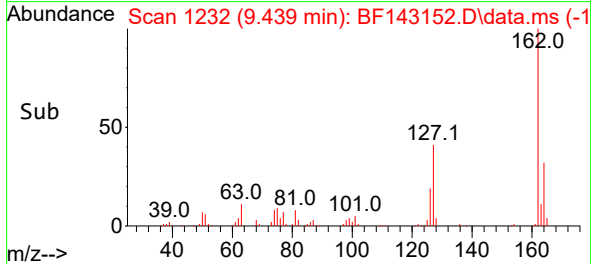
164 32.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#48

2-Nitroaniline

Concen: 3.712 ng

RT: 9.522 min Scan# 1246

Delta R.T. -0.012 min

Lab File: BF143152.D

Acq: 17 Jul 2025 17:07

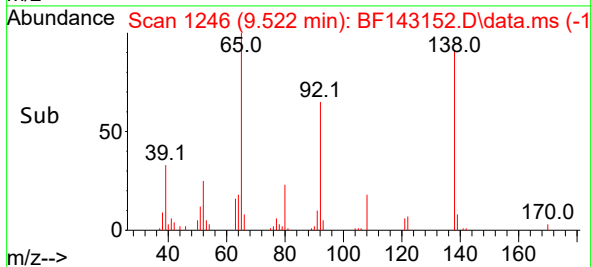
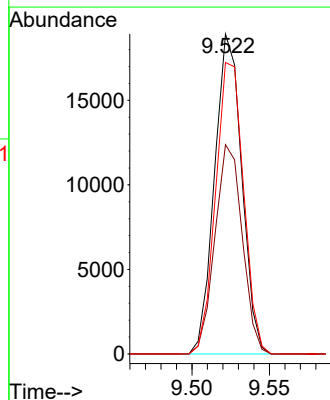
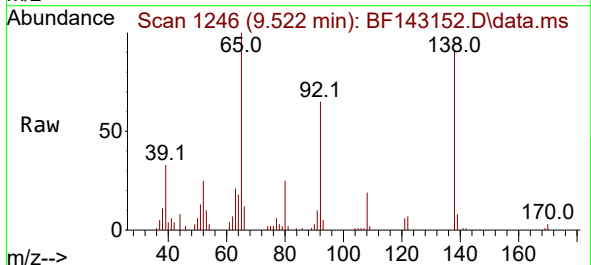
Tgt Ion: 65 Resp: 23090

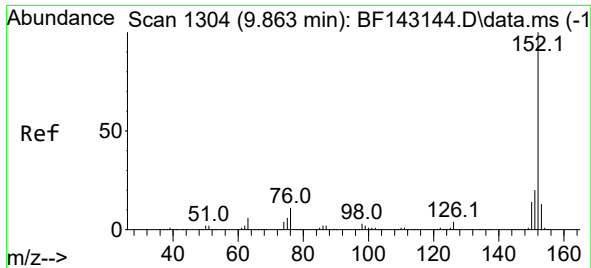
Ion Ratio Lower Upper

65 100

92 65.4 52.4 78.6

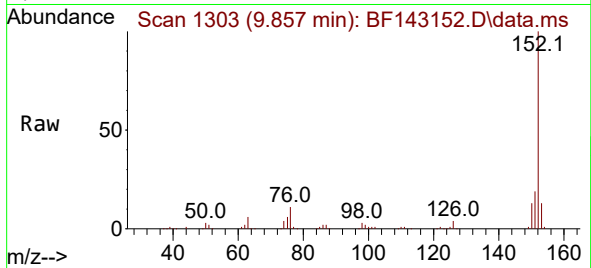
138 91.1 82.3 123.5





#49
Acenaphthylene
Concen: 4.107 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

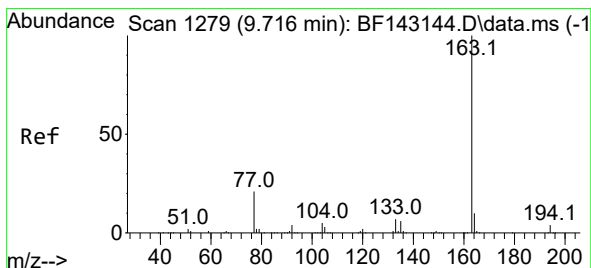
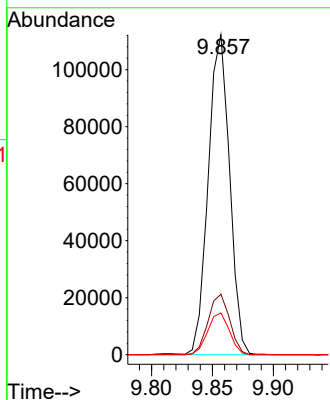
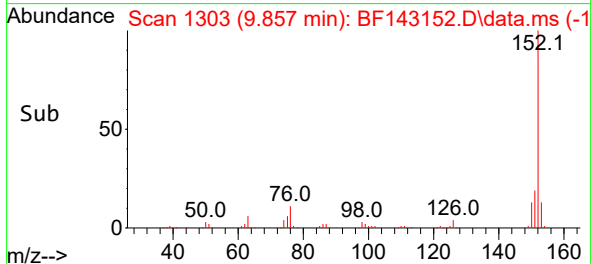
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



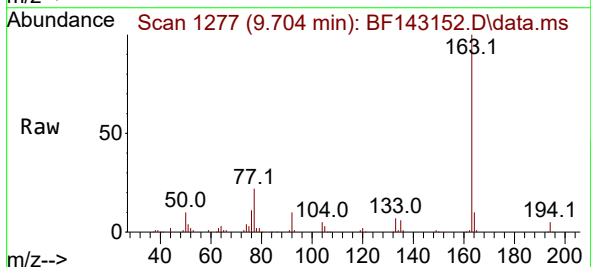
Tgt Ion:152 Resp: 136529
Ion Ratio Lower Upper
152 100
151 18.9 16.2 24.2
153 13.0 10.6 16.0

Manual Integrations
APPROVED

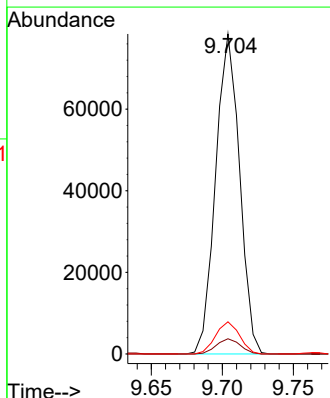
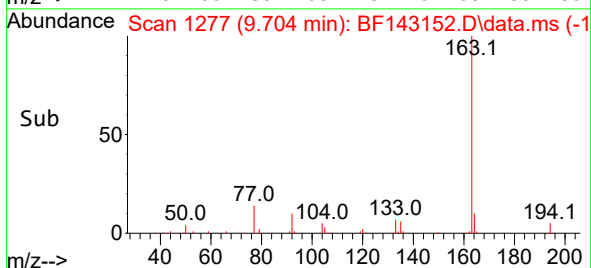
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

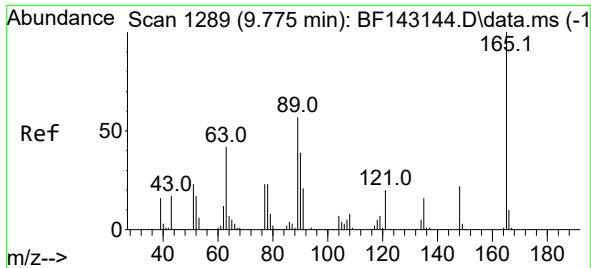


#50
Dimethylphthalate
Concen: 4.093 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07



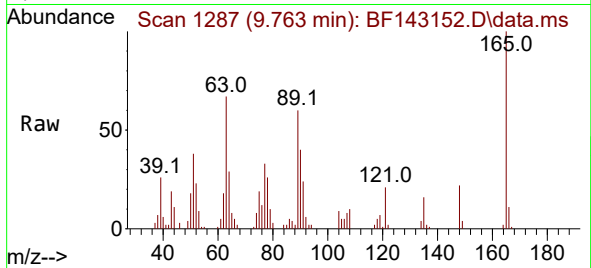
Tgt Ion:163 Resp: 91686
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 10.1 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 3.838 ng
RT: 9.763 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

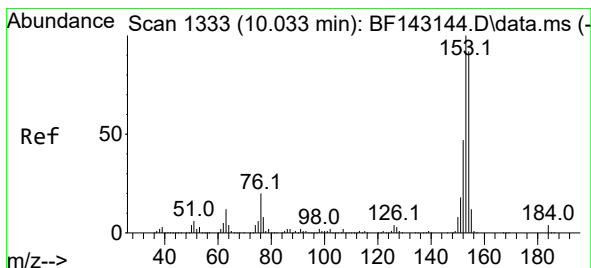
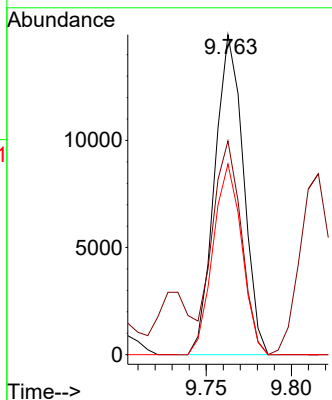
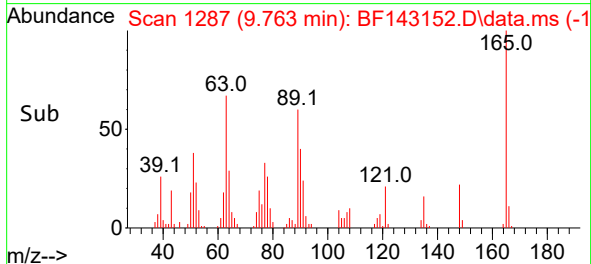
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:165 Resp: 17490
Ion Ratio Lower Upper
165 100
63 66.8 49.4 74.2
89 59.6 46.2 69.2

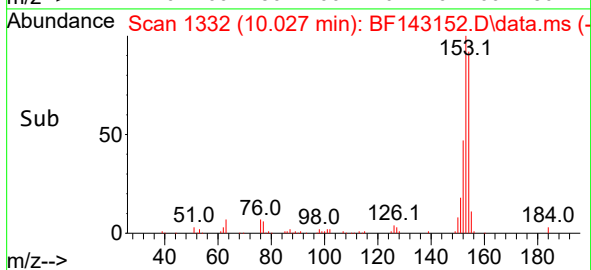
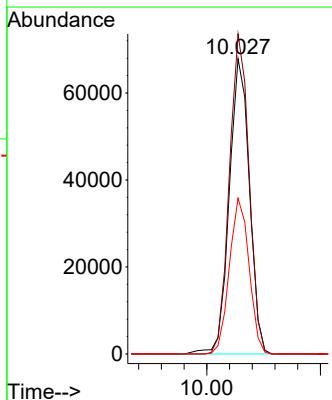
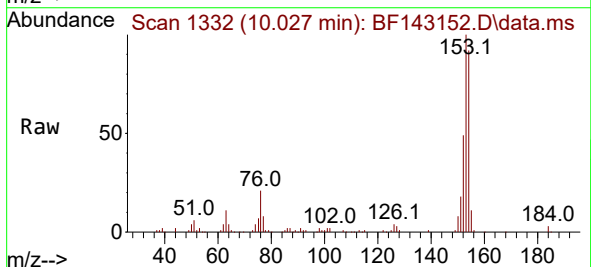
Manual Integrations
APPROVED

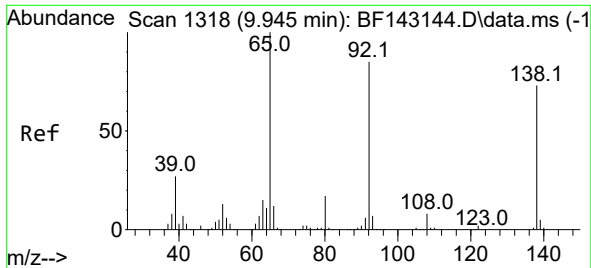
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#52
Acenaphthene
Concen: 4.243 ng
RT: 10.027 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

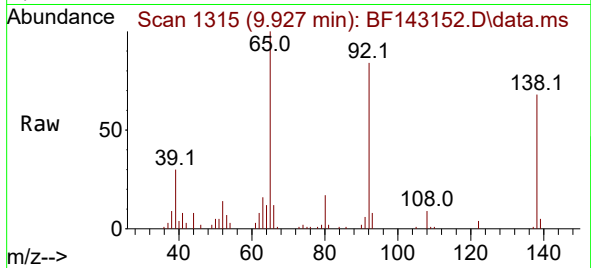
Tgt Ion:154 Resp: 83374
Ion Ratio Lower Upper
154 100
153 108.4 86.6 129.8
152 52.7 40.4 60.6





#53
3-Nitroaniline
Concen: 3.698 ng
RT: 9.927 min Scan# 1315
Delta R.T. -0.018 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

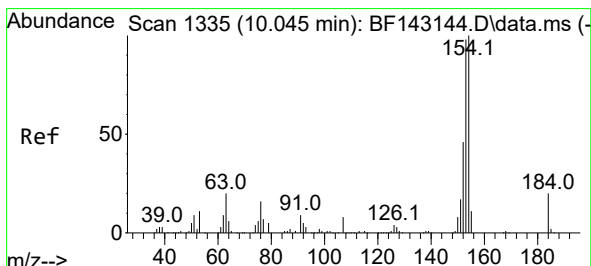
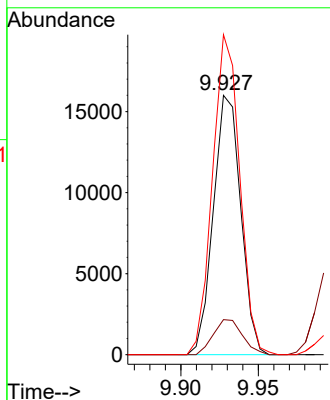
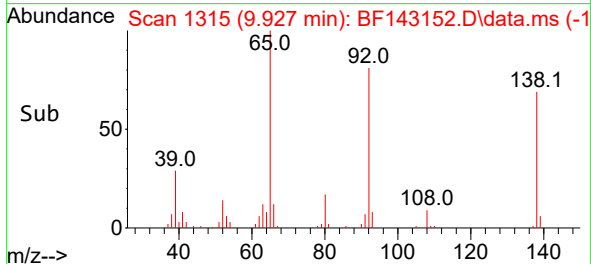
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:138 Resp: 1971
Ion Ratio Lower Upper
138 100
108 13.5 9.0 13.6
92 123.4 93.0 139.4

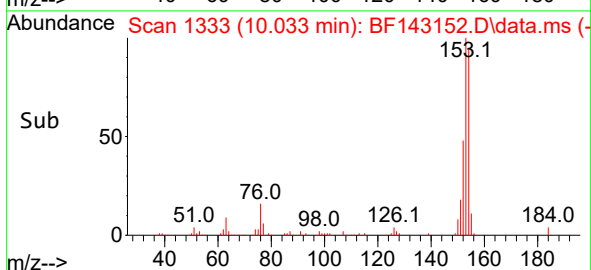
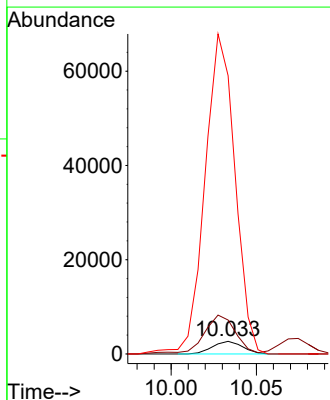
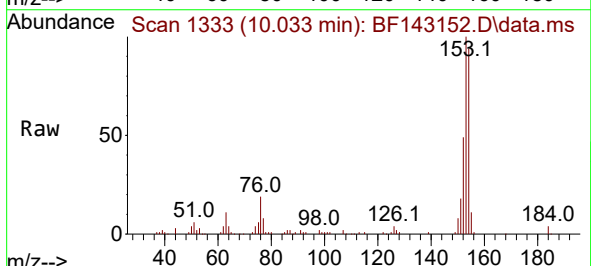
Manual Integrations
APPROVED

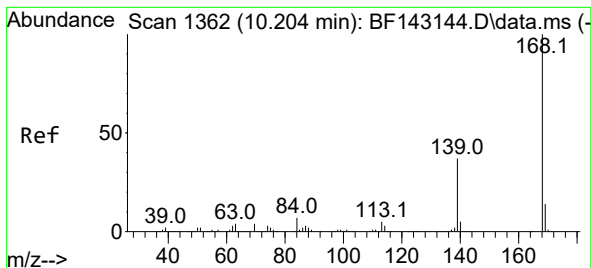
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#54
2,4-Dinitrophenol
Concen: 8.122 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

Tgt Ion:184 Resp: 3285
Ion Ratio Lower Upper
184 100
63 266.4 81.8 122.6#
154 2188.3 412.2 618.4#





#55

Dibenzenofuran

Concen: 4.221 ng

RT: 10.198 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143152.D

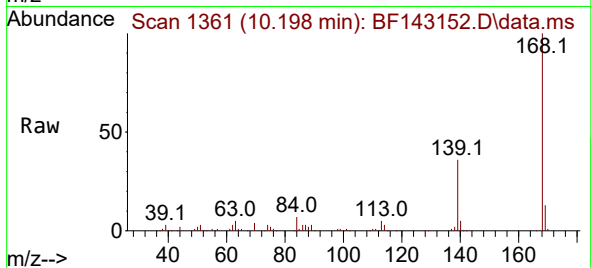
Acq: 17 Jul 2025 17:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2025



Tgt Ion:168 Resp: 12312

Ion Ratio Lower Upper

168 100

139 36.5 29.5 44.3

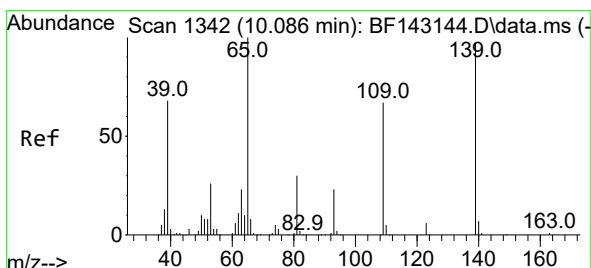
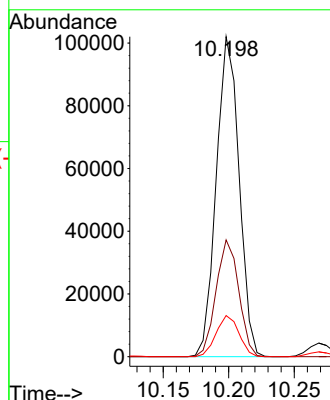
169 12.8 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#56

4-Nitrophenol

Concen: 3.236 ng

RT: 10.075 min Scan# 1340

Delta R.T. -0.012 min

Lab File: BF143152.D

Acq: 17 Jul 2025 17:07

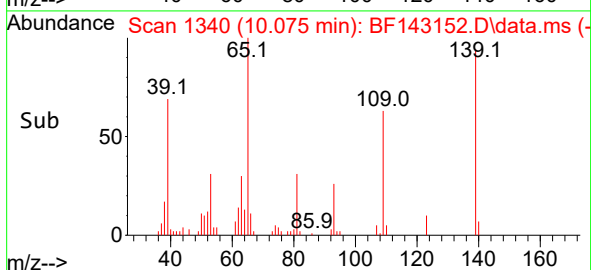
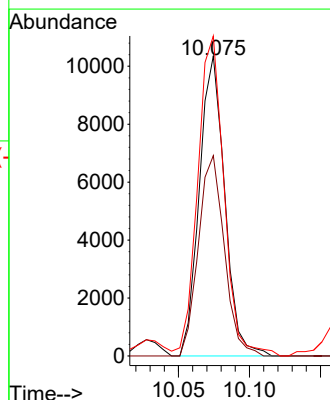
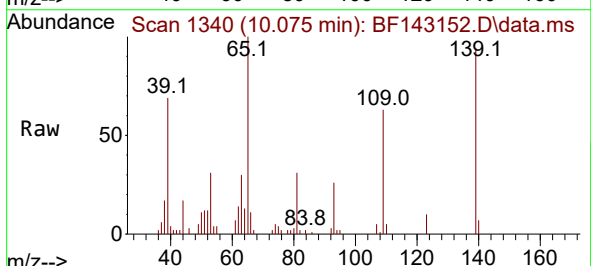
Tgt Ion:139 Resp: 12880

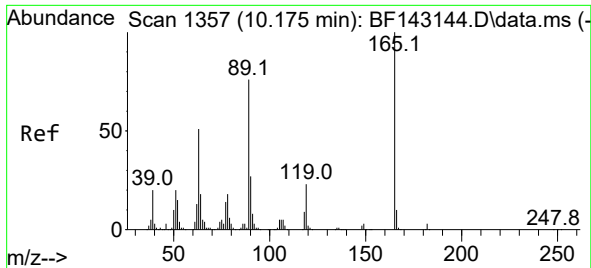
Ion Ratio Lower Upper

139 100

109 66.8 48.5 88.5

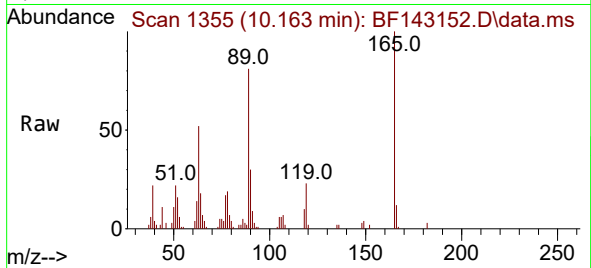
65 106.7 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 3.535 ng
RT: 10.163 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

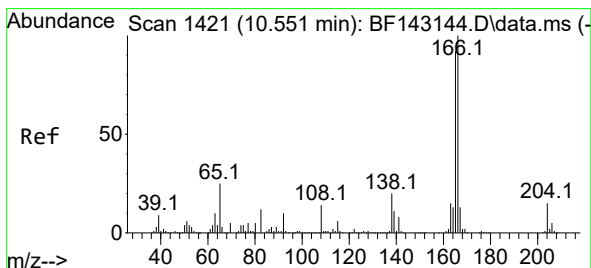
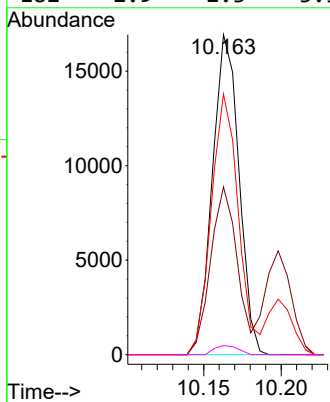
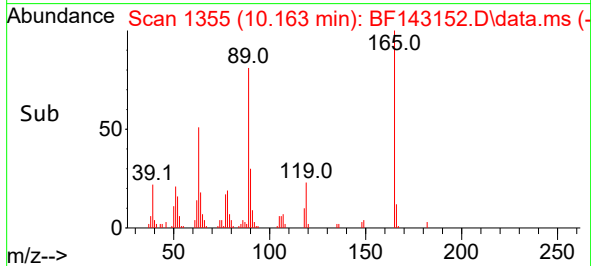
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:165 Resp: 20208
Ion Ratio Lower Upper
165 100
63 52.5 41.0 61.4
89 81.4 61.1 91.7
182 2.9 2.3 3.5

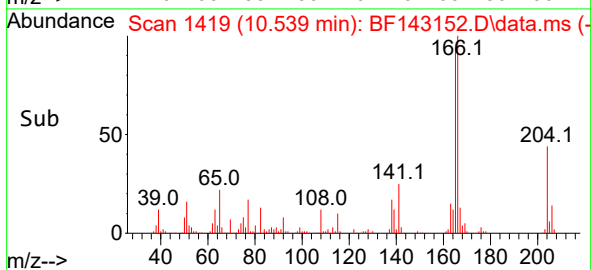
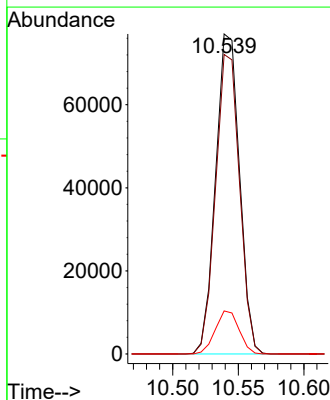
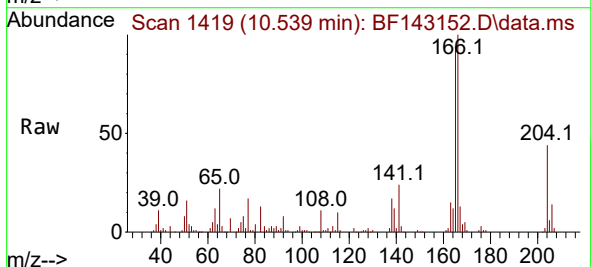
Manual Integrations
APPROVED

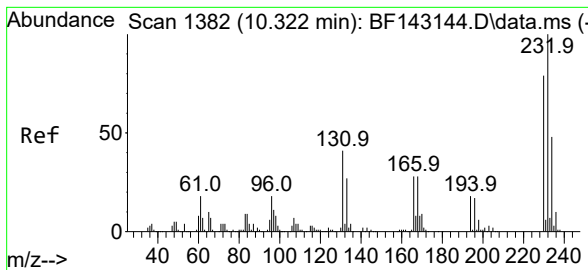
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#58
Fluorene
Concen: 4.459 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

Tgt Ion:166 Resp: 97627
Ion Ratio Lower Upper
166 100
165 93.6 73.7 110.5
167 13.4 10.6 16.0





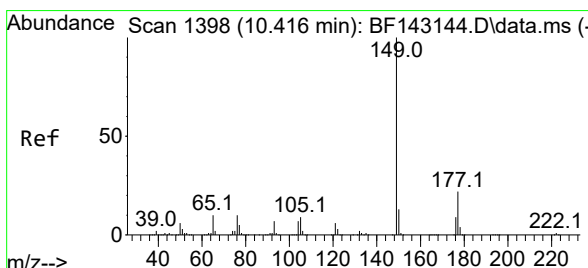
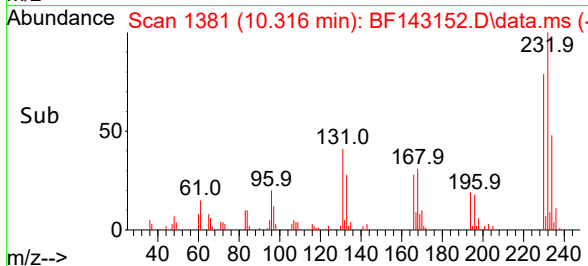
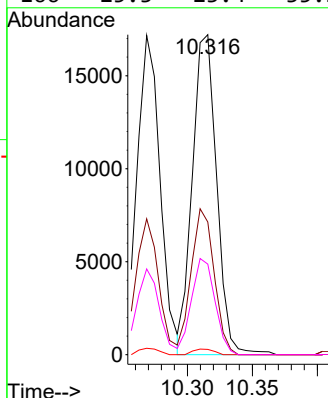
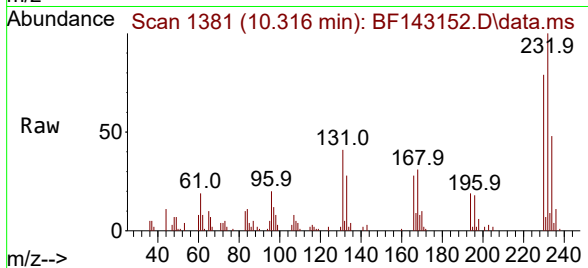
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.941 ng m
RT: 10.316 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

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

Tgt Ion:232 Resp: 2242
Ion Ratio Lower Upper
232 100
131 39.9 35.3 52.9
130 1.7 1.7 2.5
166 25.3 23.4 35.2

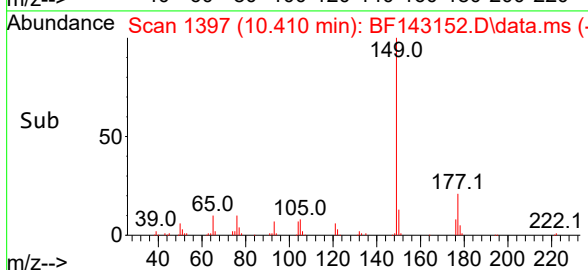
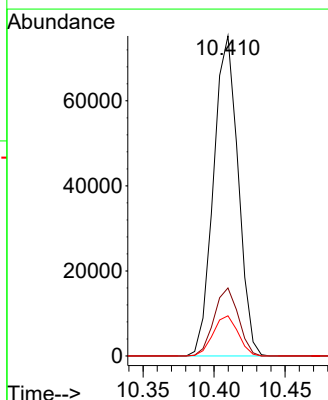
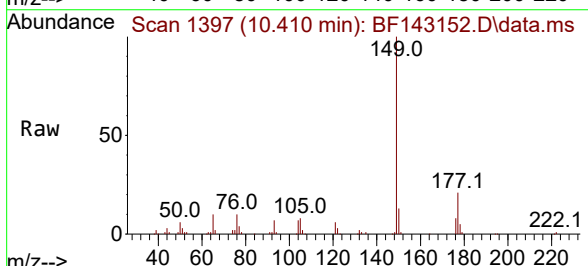
Manual Integrations
APPROVED

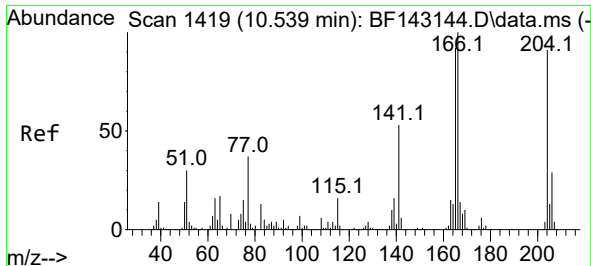
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#60
Diethylphthalate
Concen: 4.095 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

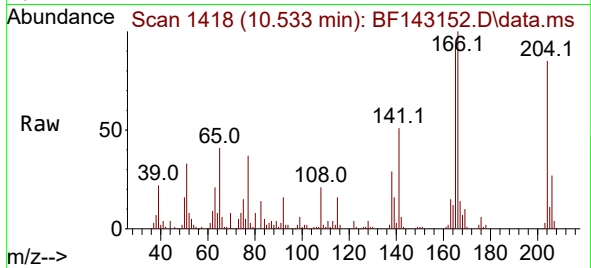
Tgt Ion:149 Resp: 90653
Ion Ratio Lower Upper
149 100
177 21.2 17.5 26.3
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 4.363 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

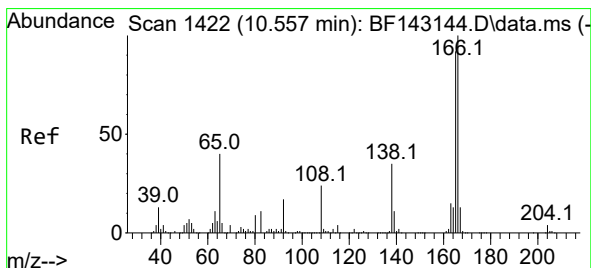
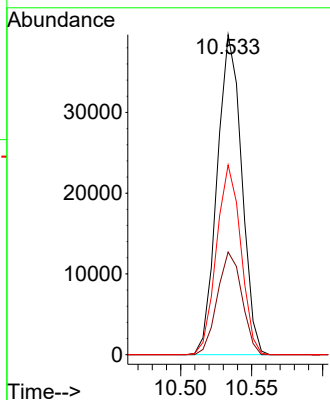
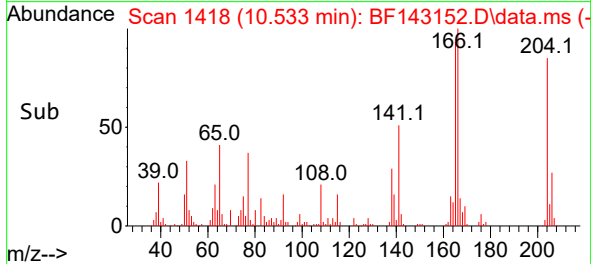
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:204 Resp: 47562
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.8
141 59.3 47.0 70.4

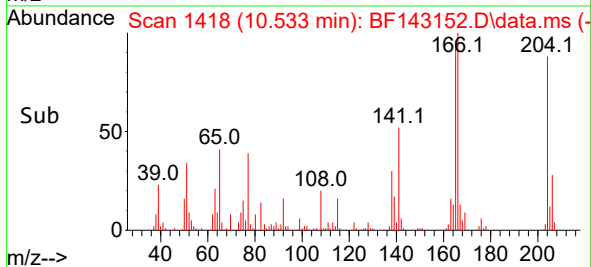
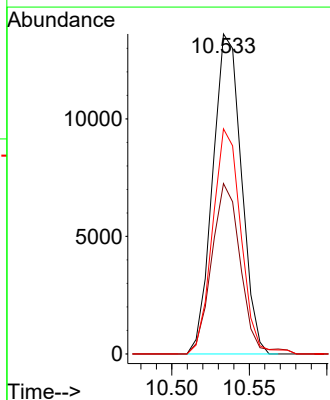
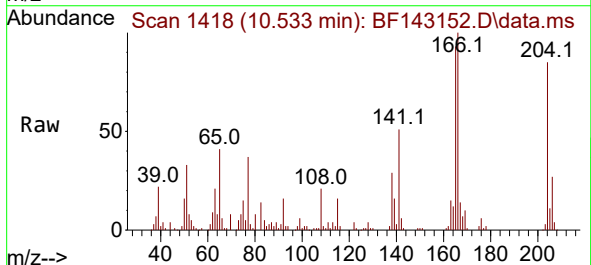
Manual Integrations
APPROVED

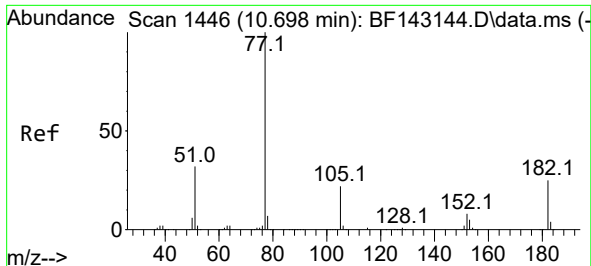
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#62
4-Nitroaniline
Concen: 3.833 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.024 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

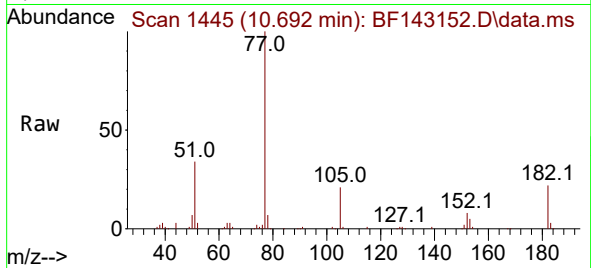
Tgt Ion:138 Resp: 17507
Ion Ratio Lower Upper
138 100
92 53.2 29.3 69.3
108 70.4 48.3 88.3





#63
Azobenzene
Concen: 4.089 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

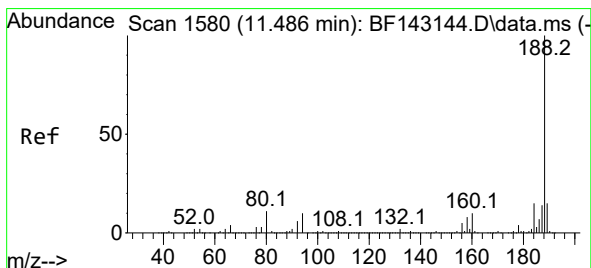
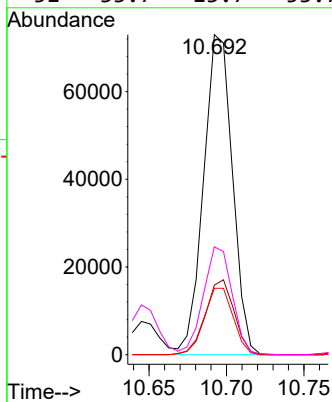
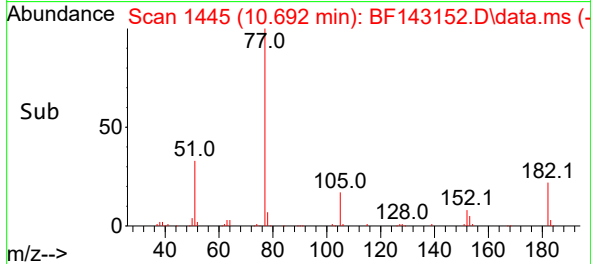
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2025



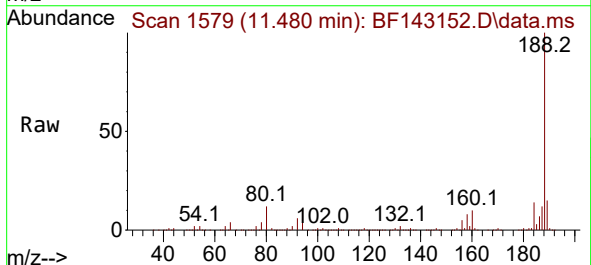
Tgt Ion: 77 Resp: 94360
Ion Ratio Lower Upper
77 100
182 21.7 4.6 44.6
105 20.8 1.4 41.4
51 33.7 13.7 53.7

Manual Integrations
APPROVED

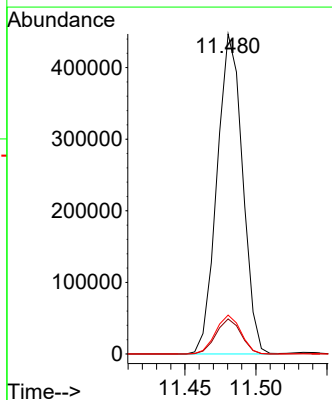
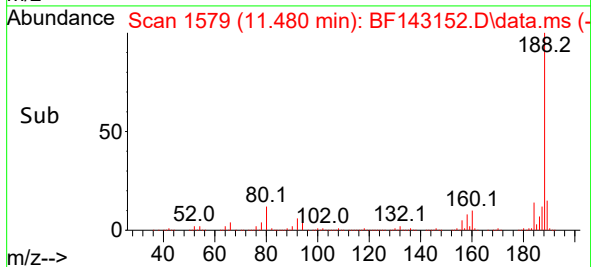
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

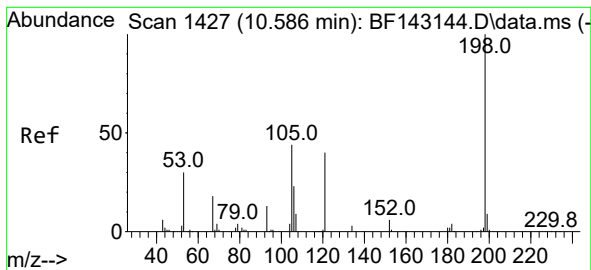


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07



Tgt Ion:188 Resp: 558994
Ion Ratio Lower Upper
188 100
94 10.9 8.3 12.5
80 12.2 9.0 13.6





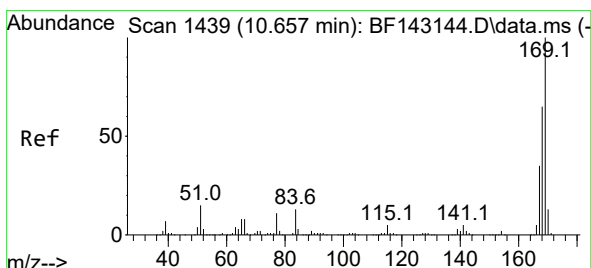
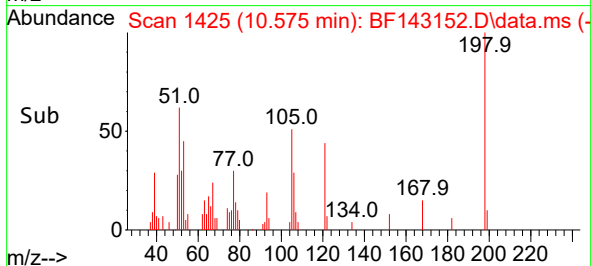
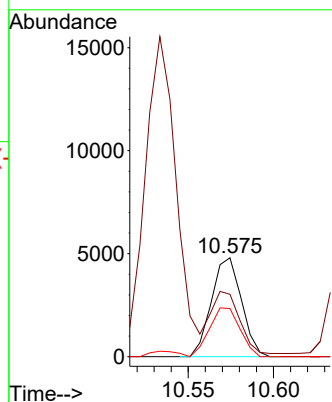
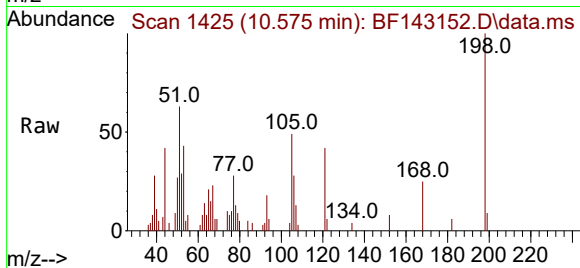
#65
4,6-Dinitro-2-methylphenol
Concen: 7.193 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.011 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

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

Tgt Ion:198 Resp: 5880
Ion Ratio Lower Upper
198 100
51 63.0 37.2 77.2
105 48.7 24.8 64.8

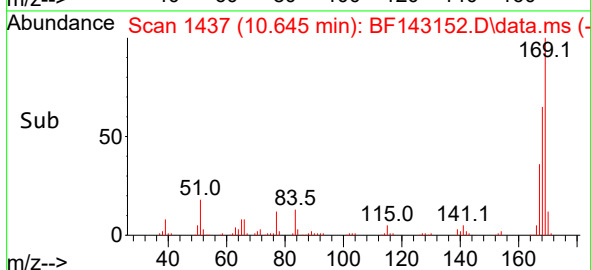
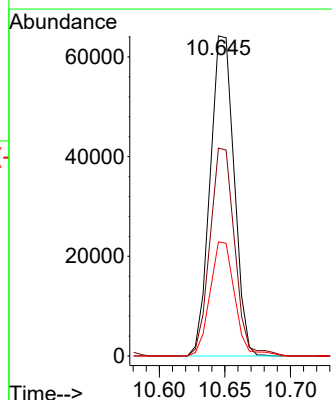
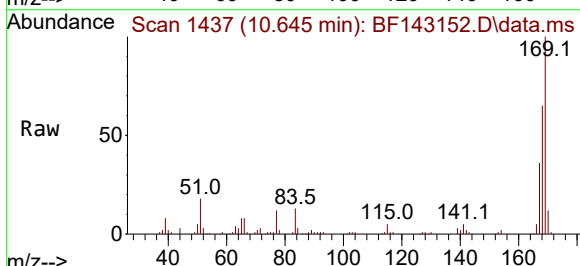
Manual Integrations
APPROVED

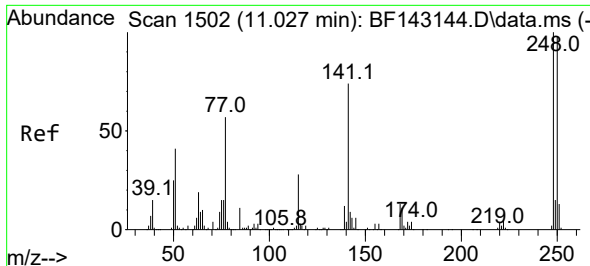
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#66
n-Nitrosodiphenylamine
Concen: 4.158 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

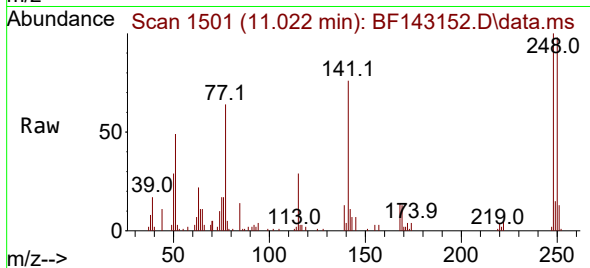
Tgt Ion:169 Resp: 81847
Ion Ratio Lower Upper
169 100
168 65.0 52.1 78.1
167 35.6 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 3.979 ng
RT: 11.022 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

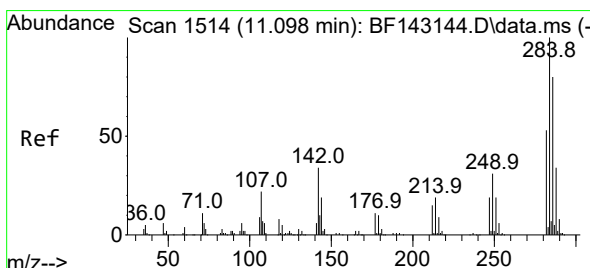
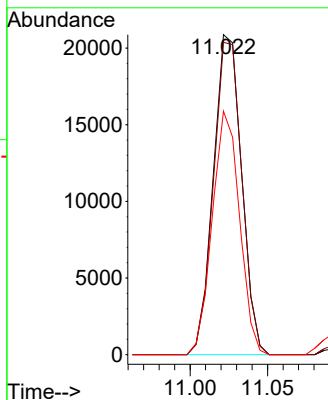
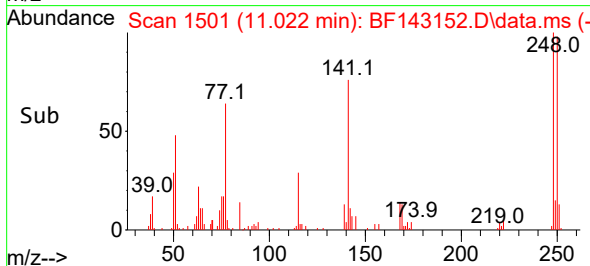
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



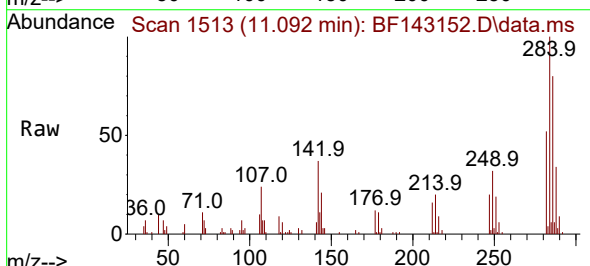
Tgt Ion:248 Resp: 2650
Ion Ratio Lower Upper
248 100
250 97.6 78.3 117.5
141 76.1 59.2 88.8

Manual Integrations
APPROVED

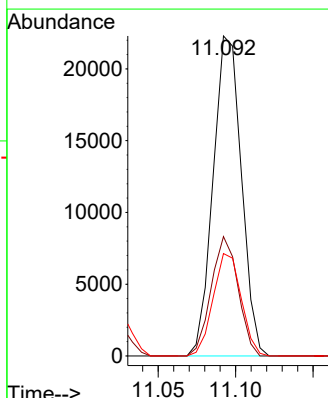
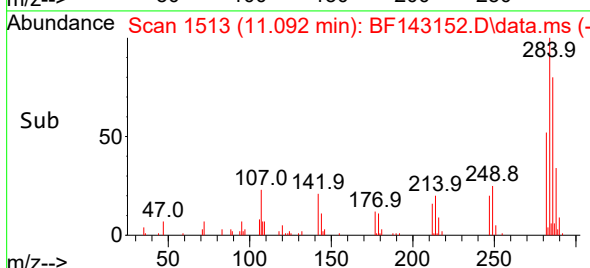
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

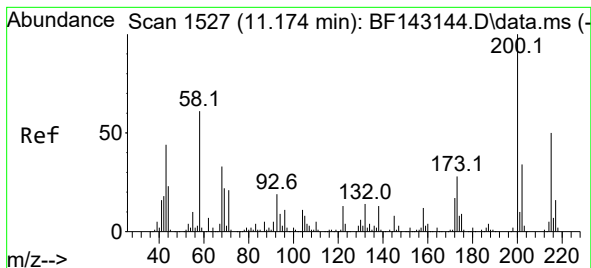


#68
Hexachlorobenzene
Concen: 4.061 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07



Tgt Ion:284 Resp: 28274
Ion Ratio Lower Upper
284 100
142 37.3 27.0 40.6
249 32.0 25.0 37.6





#69

Atrazine

Concen: 3.706 ng

RT: 11.169 min Scan# 1527

Delta R.T. -0.006 min

Lab File: BF143152.D

Acq: 17 Jul 2025 17:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2025

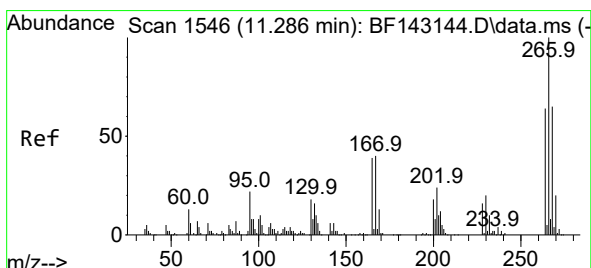
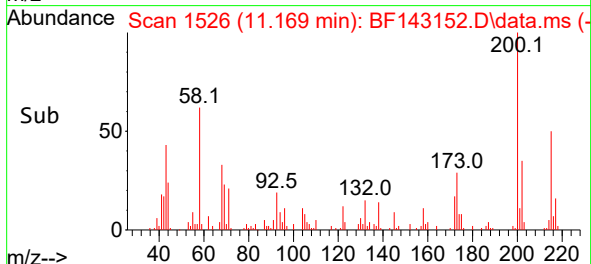
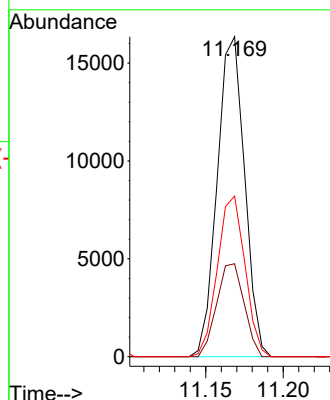
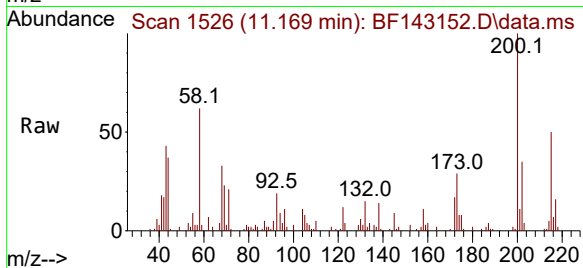
Tgt Ion:200 Resp: 20110
 Ion Ratio Lower Upper
 200 100
 173 29.1 7.9 47.9
 215 50.2 30.1 70.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#70

Pentachlorophenol

Concen: 3.238 ng

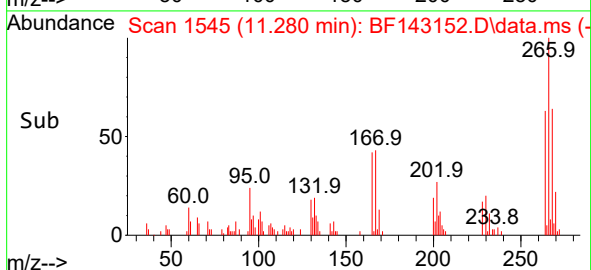
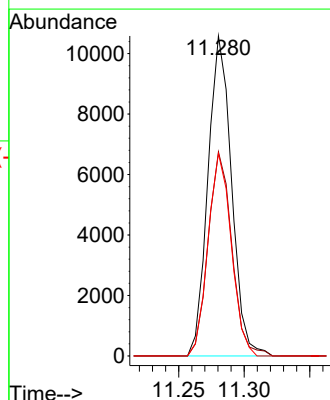
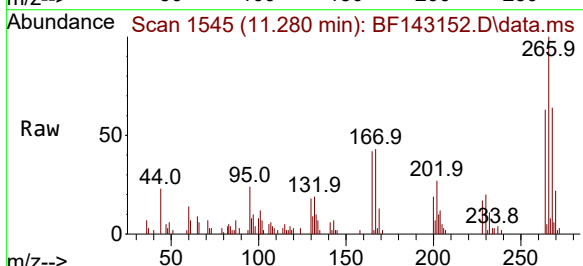
RT: 11.280 min Scan# 1545

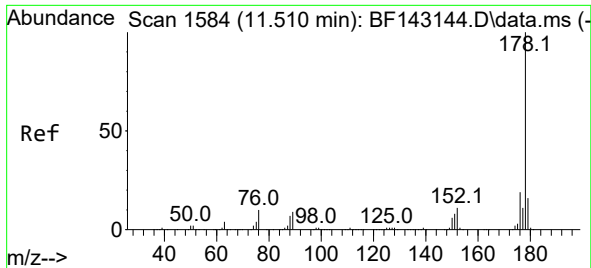
Delta R.T. -0.006 min

Lab File: BF143152.D

Acq: 17 Jul 2025 17:07

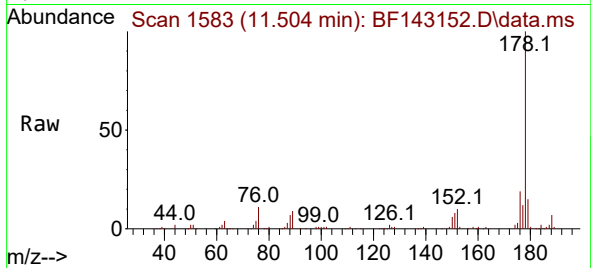
Tgt Ion:266 Resp: 13257
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.9 77.9
 264 63.3 51.0 76.6





#71
Phenanthrene
Concen: 4.225 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

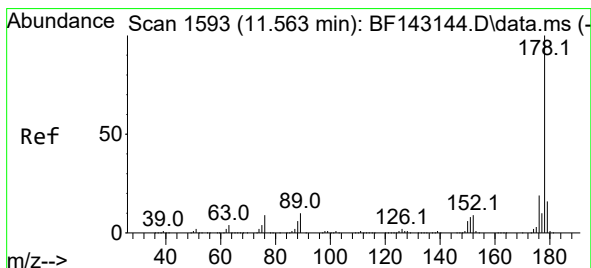
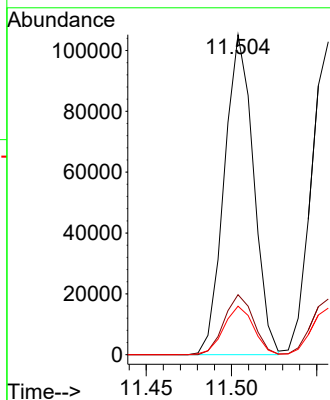
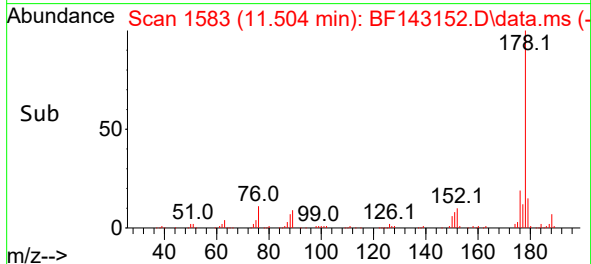
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



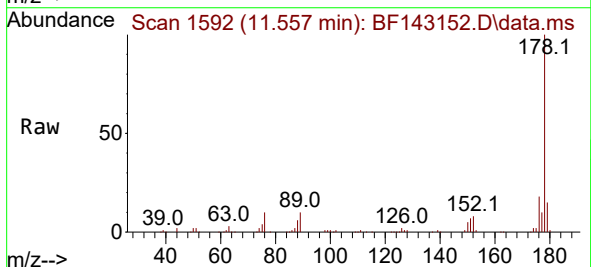
Tgt Ion:178 Resp: 125400
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.1 12.5 18.7

Manual Integrations
APPROVED

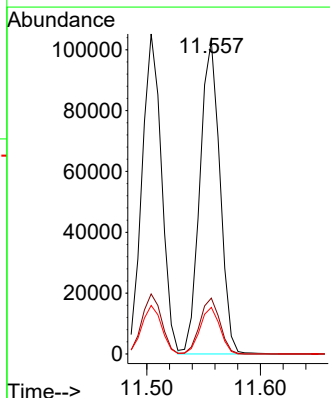
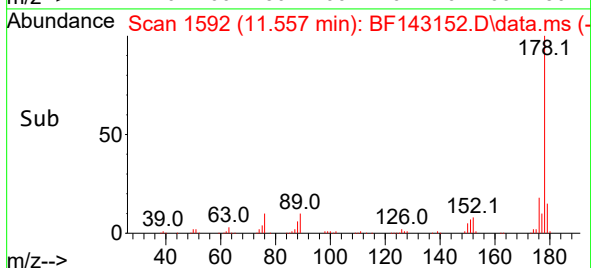
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

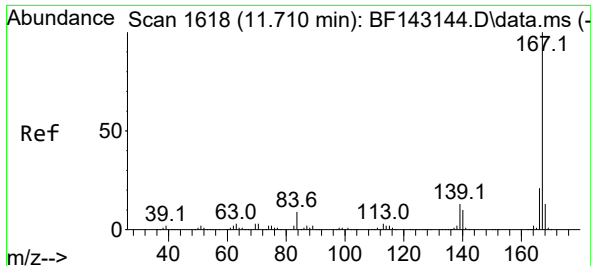


#72
Anthracene
Concen: 4.158 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07



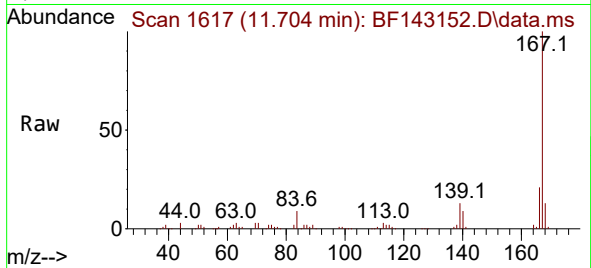
Tgt Ion:178 Resp: 125876
Ion Ratio Lower Upper
178 100
176 17.8 15.0 22.4
179 14.9 12.5 18.7





#73
 Carbazole
 Concen: 4.182 ng
 RT: 11.704 min Scan# 1617
 Delta R.T. -0.006 min
 Lab File: BF143152.D
 Acq: 17 Jul 2025 17:07

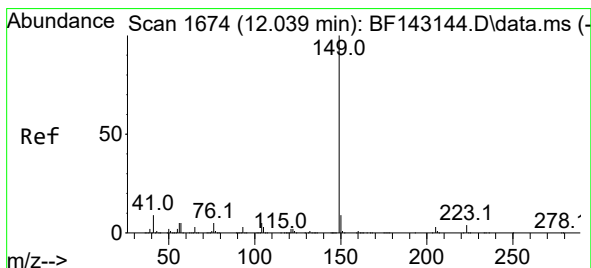
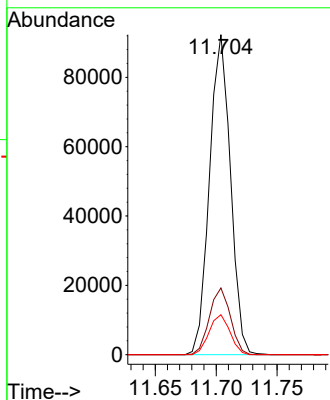
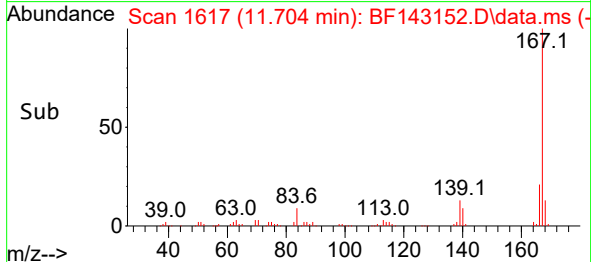
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT2-2025



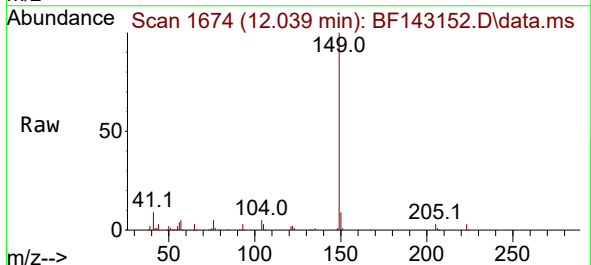
Tgt Ion:167 Resp: 110544
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.6
 139 12.5 10.0 15.0

Manual Integrations
 APPROVED

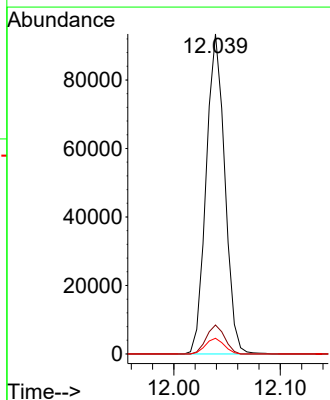
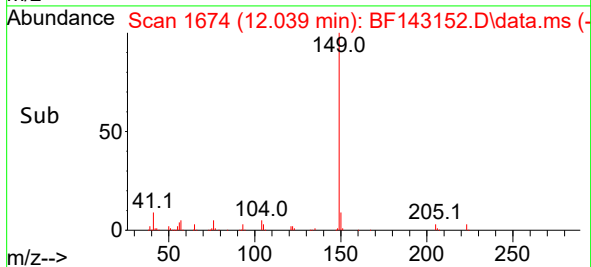
Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

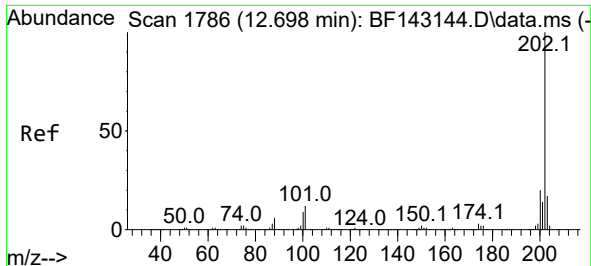


#74
 Di-n-butylphthalate
 Concen: 3.798 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. -0.000 min
 Lab File: BF143152.D
 Acq: 17 Jul 2025 17:07



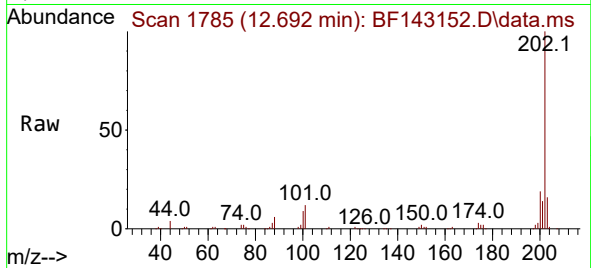
Tgt Ion:149 Resp: 113593
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.9 3.8 5.8





#75
Fluoranthene
Concen: 4.144 ng
RT: 12.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

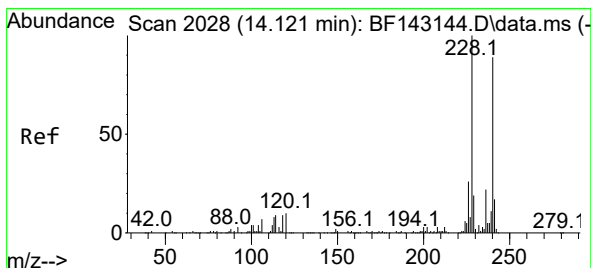
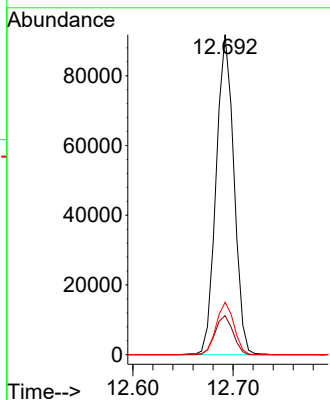
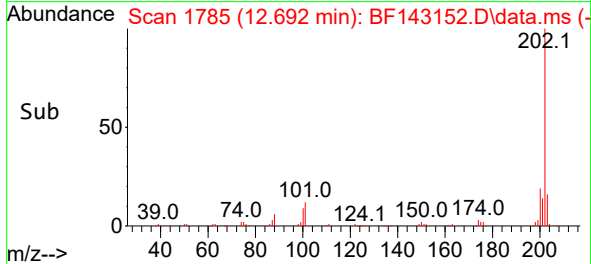
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



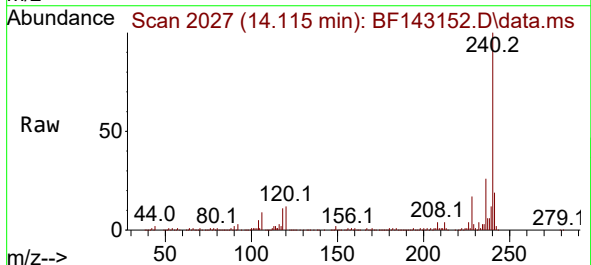
Tgt Ion:202 Resp: 112908
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.7
203 16.3 0.0 37.4

Manual Integrations
APPROVED

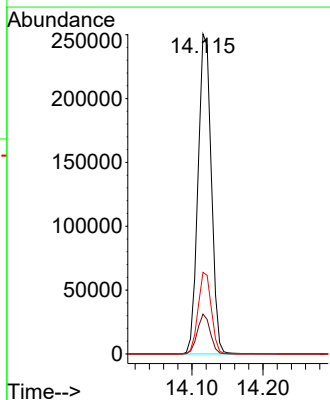
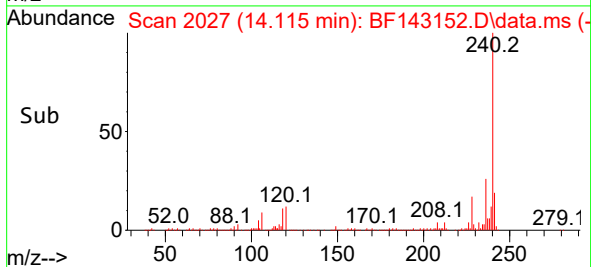
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

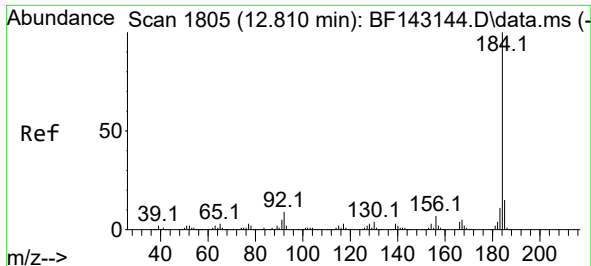


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07



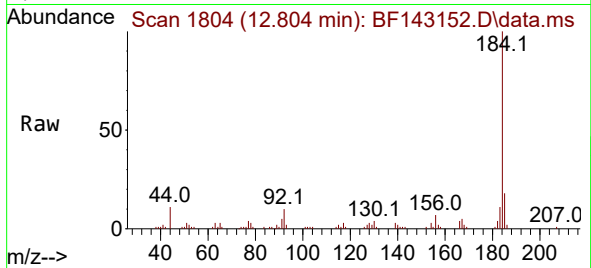
Tgt Ion:240 Resp: 326740
Ion Ratio Lower Upper
240 100
120 12.5 9.4 14.2
236 25.5 20.2 30.4





#77
Benzidine
Concen: 3.499 ng
RT: 12.804 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

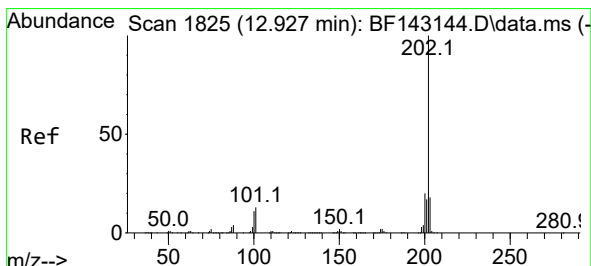
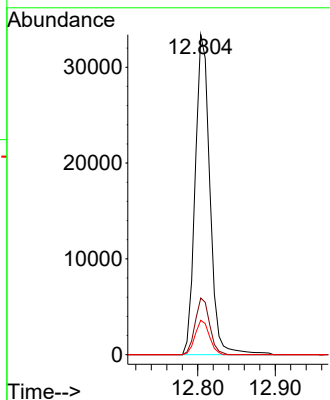
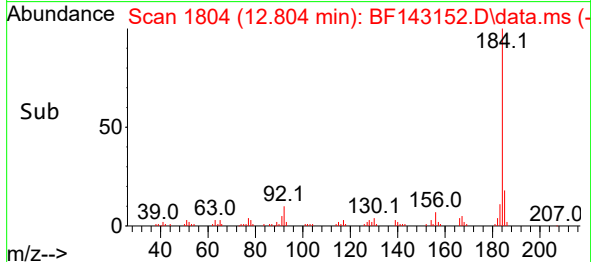
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2025



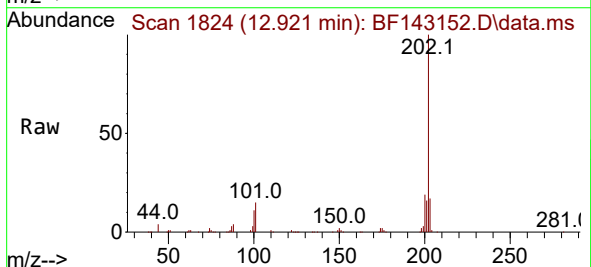
Tgt Ion:184 Resp: 4404
Ion Ratio Lower Upper
184 100
185 17.7 12.2 18.4
183 10.8 9.0 13.4

Manual Integrations
APPROVED

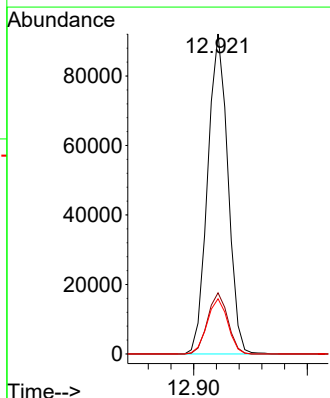
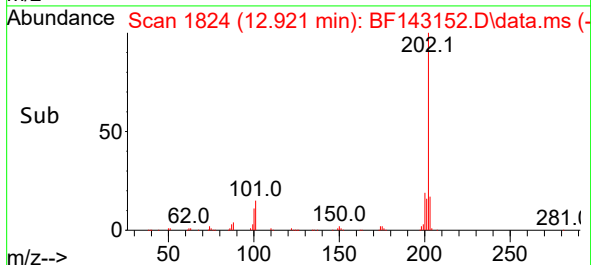
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

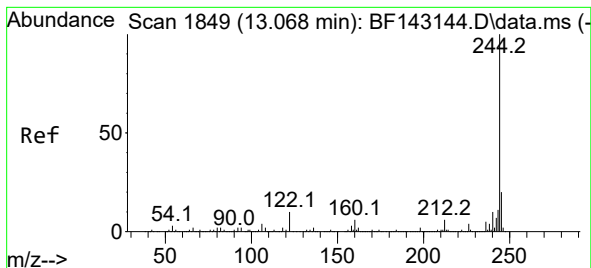


#78
Pyrene
Concen: 4.088 ng
RT: 12.921 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07



Tgt Ion:202 Resp: 114007
Ion Ratio Lower Upper
202 100
200 19.1 15.7 23.5
203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 76.731 ng

RT: 13.068 min Scan# 1849

Delta R.T. -0.000 min

Lab File: BF143152.D

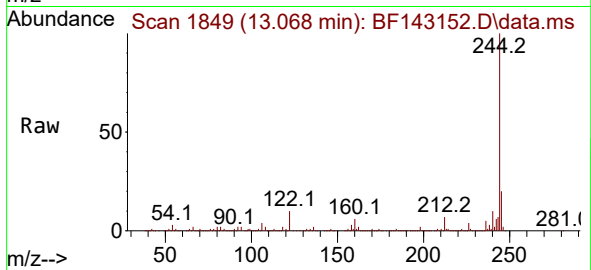
Acq: 17 Jul 2025 17:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2025



Tgt Ion:244 Resp: 168476

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

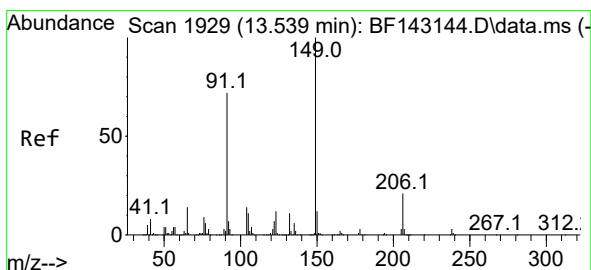
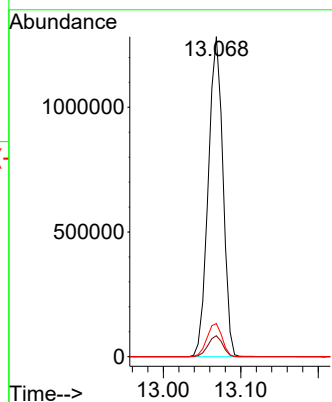
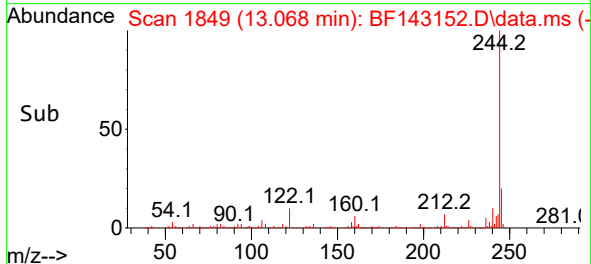
122 10.4 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#80

Butylbenzylphthalate

Concen: 3.155 ng

RT: 13.539 min Scan# 1929

Delta R.T. -0.000 min

Lab File: BF143152.D

Acq: 17 Jul 2025 17:07

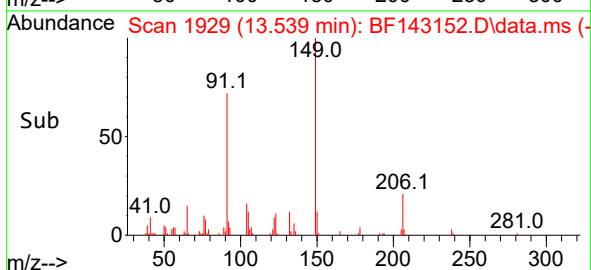
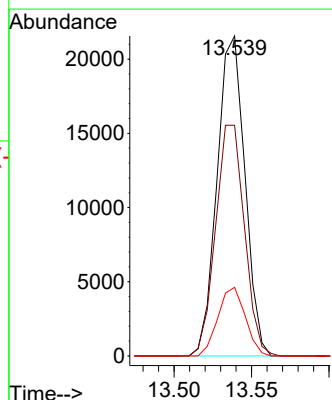
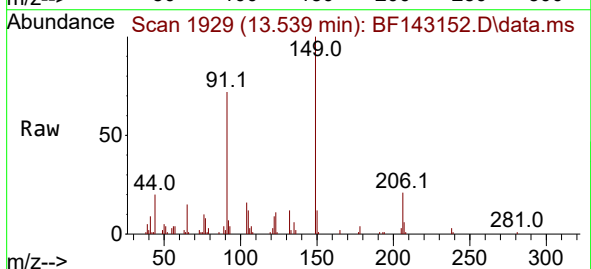
Tgt Ion:149 Resp: 26940

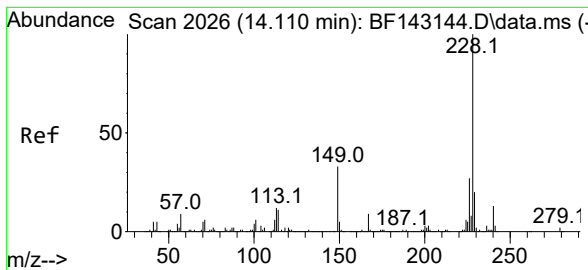
Ion Ratio Lower Upper

149 100

91 72.1 57.9 86.9

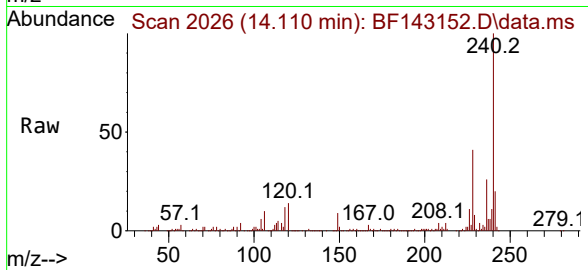
206 21.5 17.0 25.4





#81
Benzo(a)anthracene
Concen: 4.059 ng
RT: 14.110 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

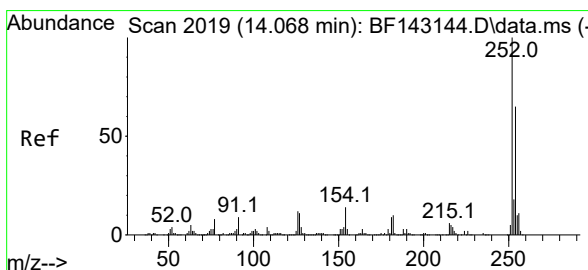
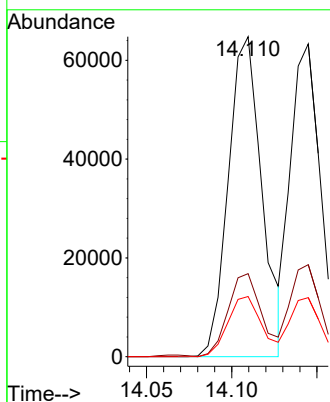
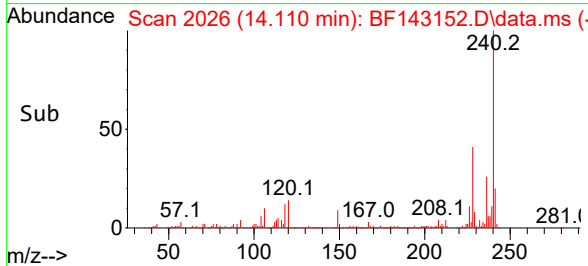
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2025



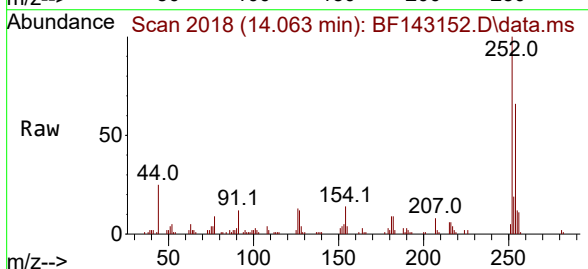
Tgt Ion:228 Resp: 8880
Ion Ratio Lower Upper
228 100
226 25.9 21.7 32.5
229 18.8 15.8 23.6

Manual Integrations
APPROVED

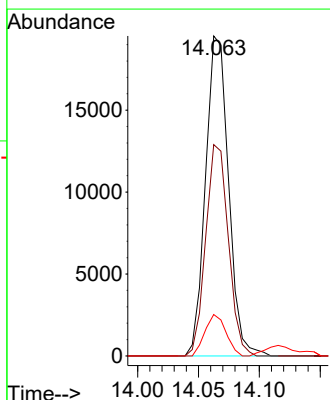
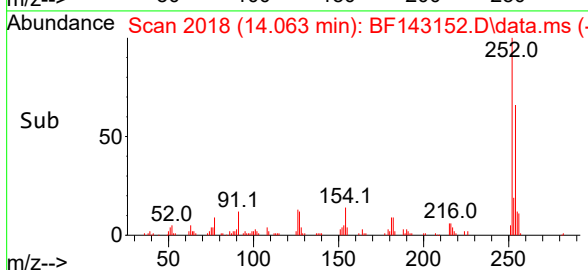
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

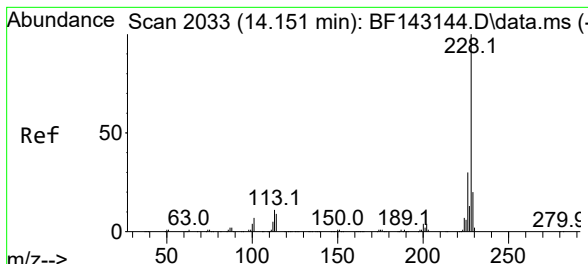


#82
3,3'-Dichlorobenzidine
Concen: 3.519 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07



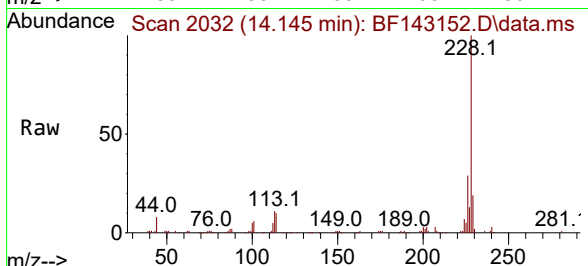
Tgt Ion:252 Resp: 25653
Ion Ratio Lower Upper
252 100
254 66.1 51.7 77.5
126 13.0 9.4 14.0





#83
 Chrysene
 Concen: 3.911 ng
 RT: 14.145 min Scan# 2032
 Delta R.T. -0.006 min
 Lab File: BF143152.D
 Acq: 17 Jul 2025 17:07

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

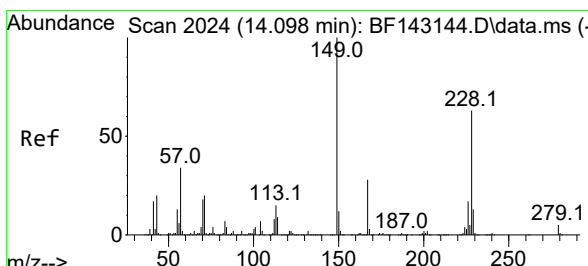
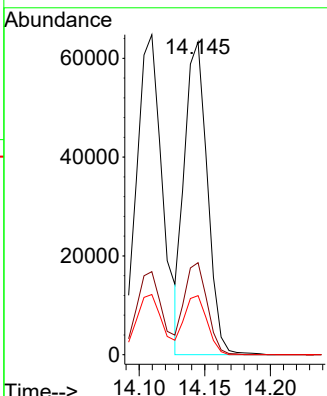
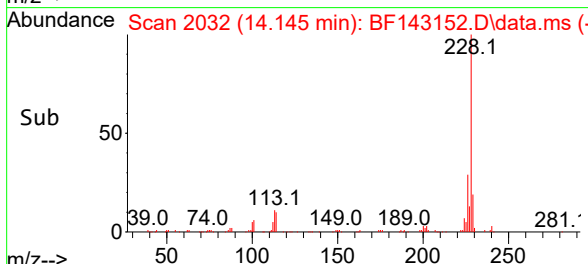


Tgt Ion: 228 Resp: 76914

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.8
229	18.9	15.6	23.4

Manual Integrations
 APPROVED

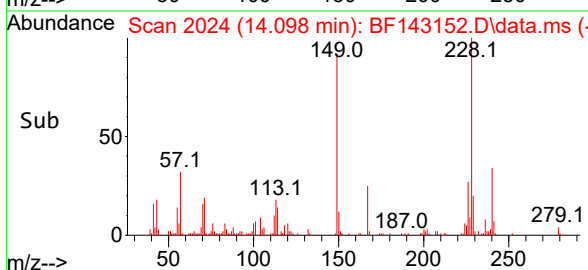
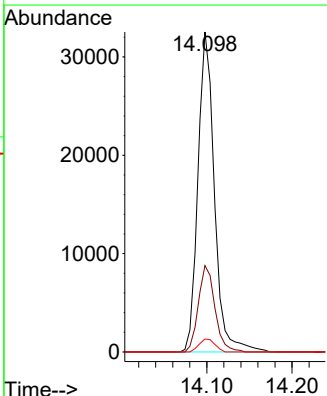
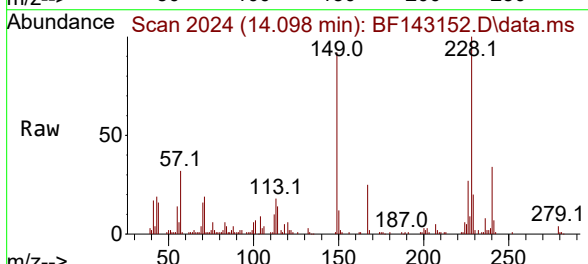
Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

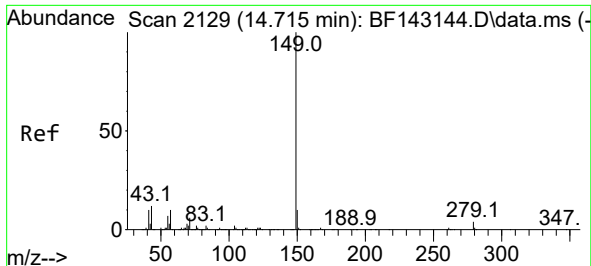


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.379 ng
 RT: 14.098 min Scan# 2024
 Delta R.T. -0.000 min
 Lab File: BF143152.D
 Acq: 17 Jul 2025 17:07

Tgt Ion: 149 Resp: 43672

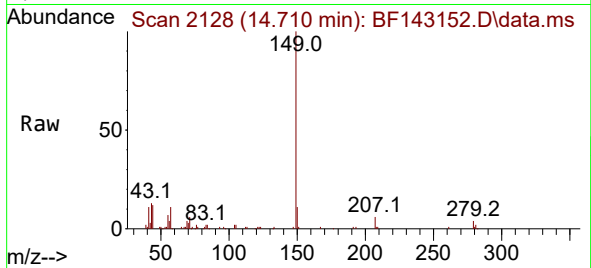
Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.3	33.5
279	4.1	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 3.166 ng
RT: 14.710 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

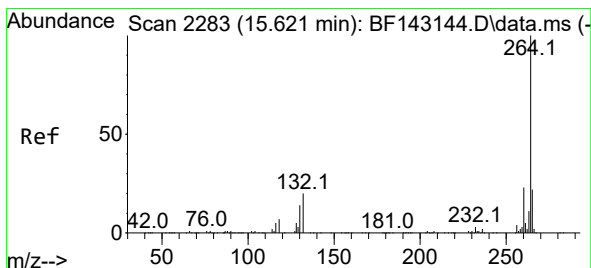
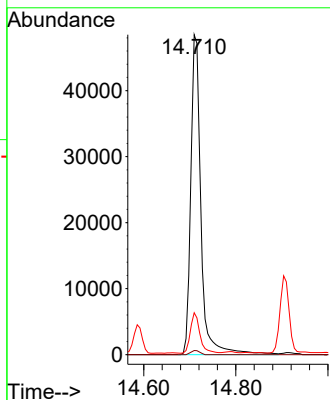
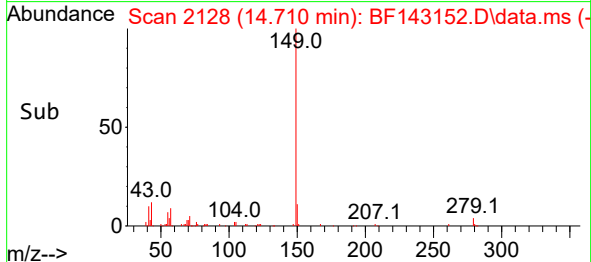
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:149 Resp: 74169
Ion Ratio Lower Upper
149 100
167 1.1 1.1 1.7
43 11.6 9.7 14.5

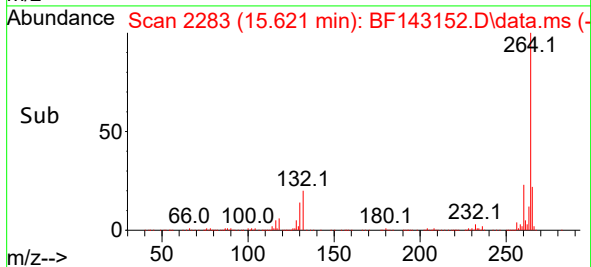
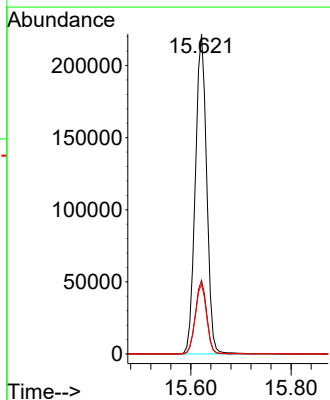
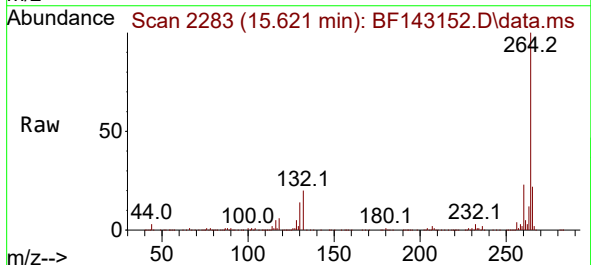
Manual Integrations
APPROVED

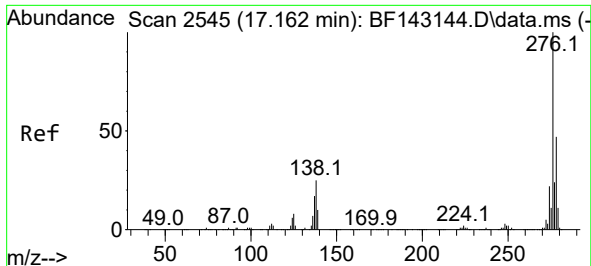
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

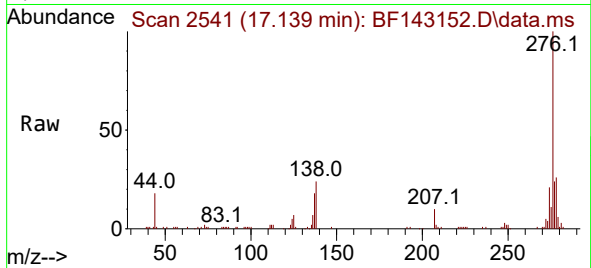
Tgt Ion:264 Resp: 347274
Ion Ratio Lower Upper
264 100
260 23.0 18.5 27.7
265 21.8 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.699 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

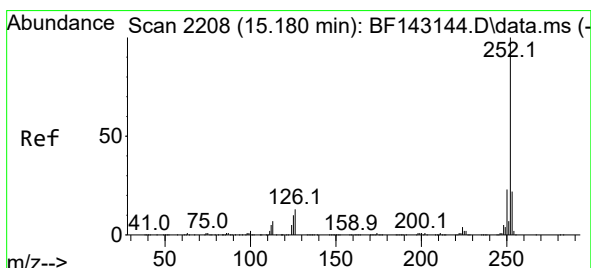
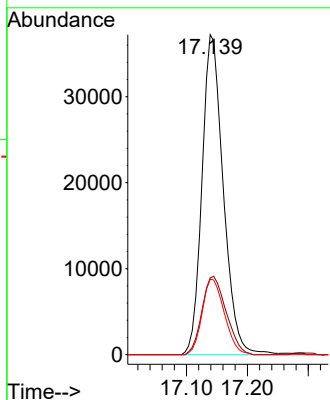
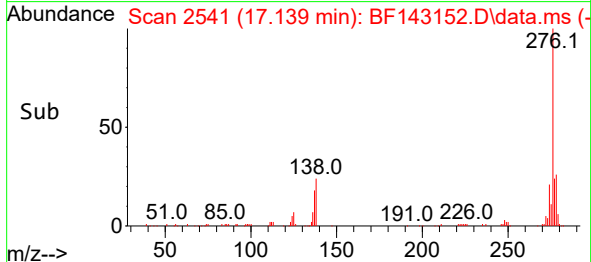
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025



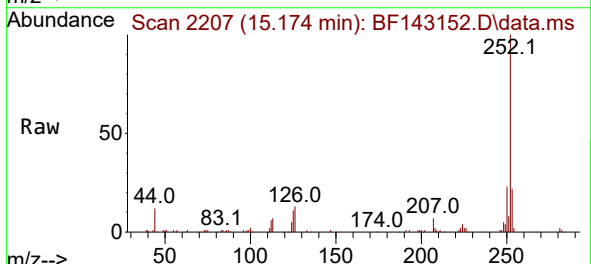
Tgt Ion:276 Resp: 9058
Ion Ratio Lower Upper
276 100
138 27.7 21.8 32.6
277 24.6 20.0 30.0

Manual Integrations
APPROVED

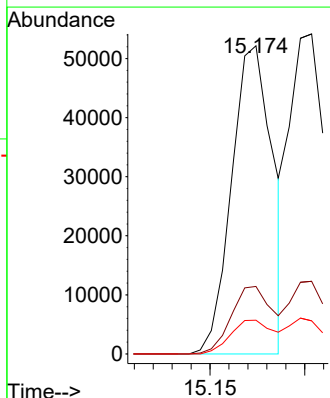
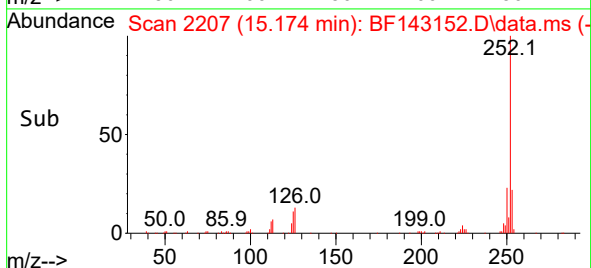
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

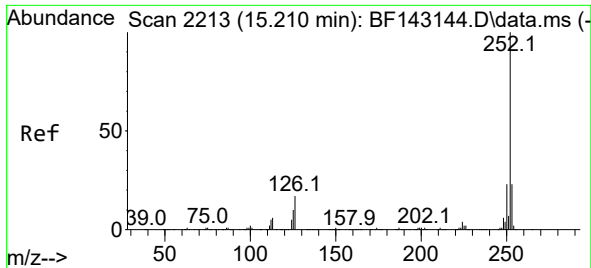


#88
Benzo(b)fluoranthene
Concen: 3.704 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07



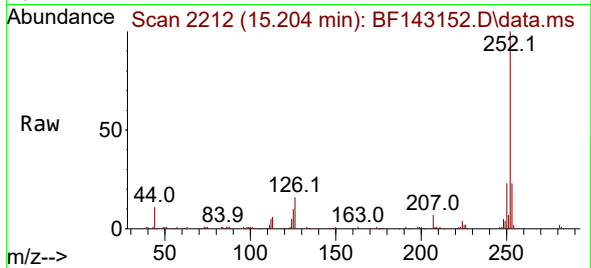
Tgt Ion:252 Resp: 78571
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.9 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 3.957 ng
RT: 15.204 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

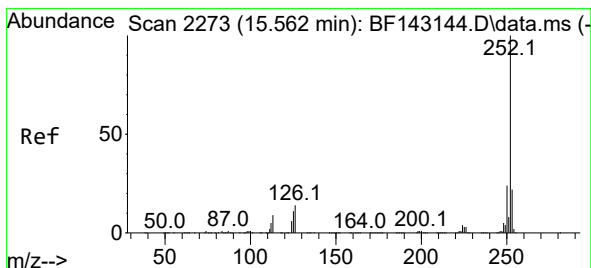
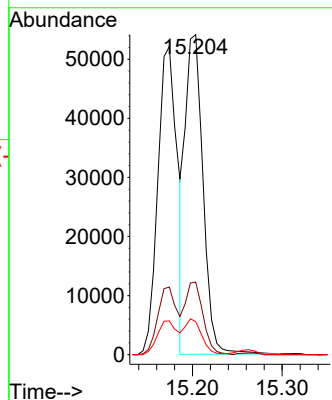
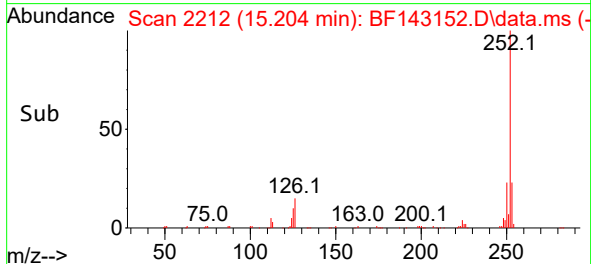
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2025



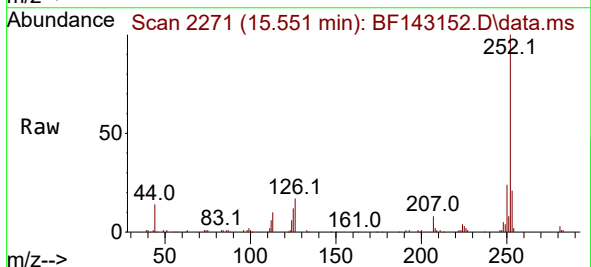
Tgt Ion:252 Resp: 7492
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 10.4 8.1 12.1

Manual Integrations
APPROVED

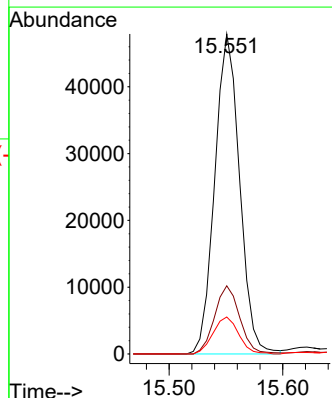
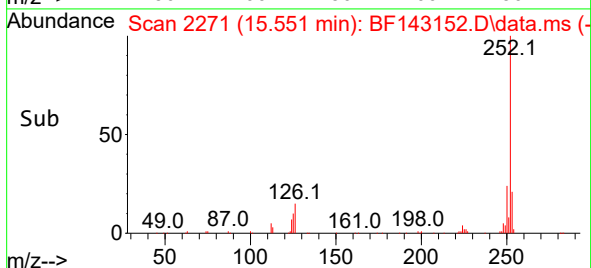
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

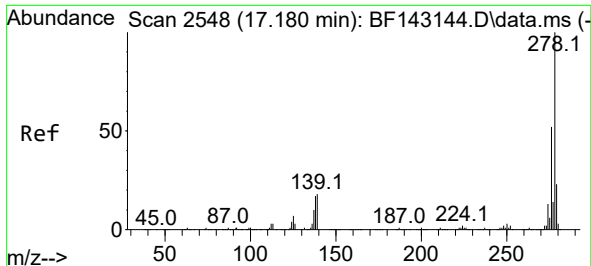


#90
Benzo(a)pyrene
Concen: 3.721 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07



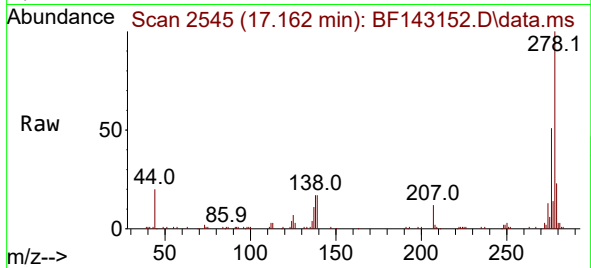
Tgt Ion:252 Resp: 72736
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 11.5 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 3.699 ng
RT: 17.162 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07

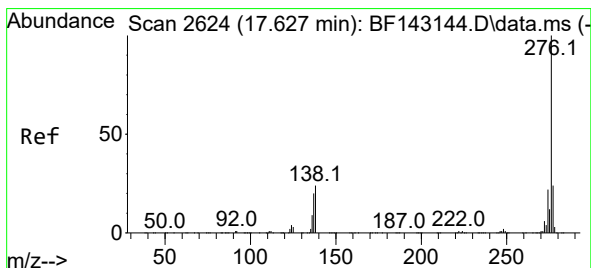
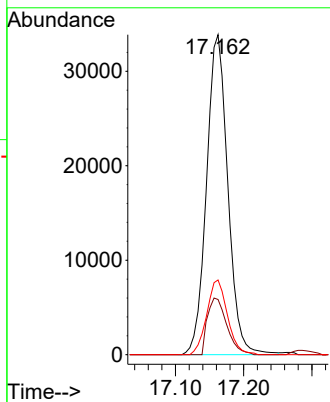
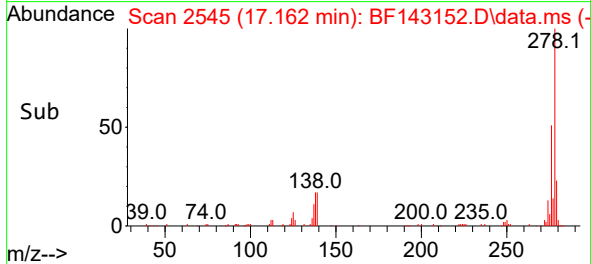
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2025



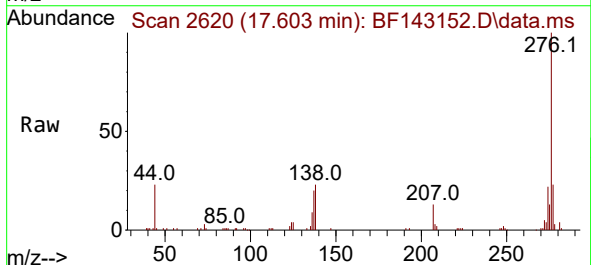
Tgt Ion:278 Resp: 7372
Ion Ratio Lower Upper
278 100
139 17.3 14.1 21.1
279 23.4 18.6 28.0

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 3.753 ng
RT: 17.603 min Scan# 2620
Delta R.T. -0.024 min
Lab File: BF143152.D
Acq: 17 Jul 2025 17:07



Tgt Ion:276 Resp: 72362
Ion Ratio Lower Upper
276 100
277 22.9 19.1 28.7
138 23.3 18.9 28.3

