

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090525\
 Data File : BF143655.D
 Acq On : 05 Sep 2025 12:21
 Operator : RC/JU
 Sample : Q2893-09
 Misc : MDL-WATER 8PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2025

Quant Time: Sep 05 13:22:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 03 18:35:49 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	77055	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	290903	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	171161	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	289636	20.000	ng	0.00
76) Chrysene-d12	14.045	240	197228	20.000	ng	0.00
86) Perylene-d12	15.521	264	161611	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	529414	121.717	ng	0.00
7) Phenol-d6	6.510	99	665930	123.356	ng	0.00
23) Nitrobenzene-d5	7.451	82	415285	100.335	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	215994	150.908	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	902635	84.254	ng	0.00
79) Terphenyl-d14	12.998	244	1041338	87.974	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	15083	7.350	ng	97
3) Pyridine	3.481	79	35527	6.534	ng	97
4) n-Nitrosodimethylamine	3.381	42	15251	6.754	ng	90
6) Aniline	6.551	93	58352	7.765	ng	98
8) 2-Chlorophenol	6.675	128	36949	8.203	ng	95
9) Benzaldehyde	6.439	77	30438	7.589	ng	97
10) Phenol	6.522	94	45663m	7.715	ng	
11) bis(2-Chloroethyl)ether	6.622	93	34782	7.504	ng	99
12) 1,3-Dichlorobenzene	6.833	146	44257	7.961	ng	97
13) 1,4-Dichlorobenzene	6.910	146	43381	7.780	ng	99
14) 1,2-Dichlorobenzene	7.057	146	42855	8.121	ng	98
15) Benzyl Alcohol	7.022	79	30254	7.375	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	49235	6.749	ng	97
17) 2-Methylphenol	7.128	107	29601	7.516	ng	99
18) Hexachloroethane	7.404	117	13774	7.919	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	25980	7.557	ng	96
20) 3+4-Methylphenols	7.281	107	38393	7.744	ng	93
22) Acetophenone	7.292	105	53139	8.078	ng	# 96
24) Nitrobenzene	7.469	77	39018	8.817	ng	97
25) Isophorone	7.704	82	71342	7.649	ng	98
26) 2-Nitrophenol	7.781	139	15953	12.557	ng	97
27) 2,4-Dimethylphenol	7.810	122	35607	8.769	ng	96
28) bis(2-Chloroethoxy)met...	7.916	93	44146	7.742	ng	100
29) 2,4-Dichlorophenol	8.016	162	32513	8.159	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	35952	8.279	ng	99
31) Naphthalene	8.192	128	111572	7.841	ng	99
32) Benzoic acid	7.863	122	11129	11.324	ng	98
33) 4-Chloroaniline	8.233	127	44216	8.974	ng	99
34) Hexachlorobutadiene	8.310	225	22881	8.100	ng	95
35) Caprolactam	8.569	113	8045	7.534	ng	93
36) 4-Chloro-3-methylphenol	8.704	107	32514	7.792	ng	97
37) 2-Methylnaphthalene	8.880	142	70111	7.284	ng	99
38) 1-Methylnaphthalene	8.980	142	71393	7.759	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	37447	7.916	ng	99
41) Hexachlorocyclopentadiene	9.033	237	21214	9.235	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	24069	8.259	ng	95

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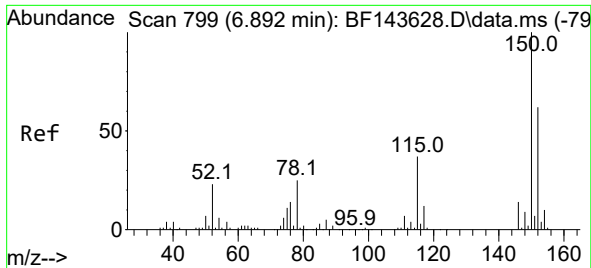
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
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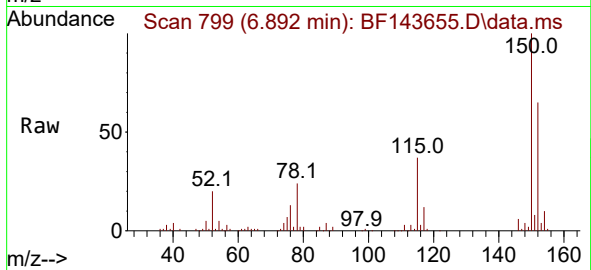
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	25196	8.374	ng	99
46) 1,1'-Biphenyl	9.345	154	97494	8.009	ng	99
47) 2-Chloronaphthalene	9.369	162	73002	7.663	ng	99
48) 2-Nitroaniline	9.457	65	19317	10.156	ng	99
49) Acenaphthylene	9.786	152	119260	8.687	ng	99
50) Dimethylphthalate	9.639	163	87772	8.098	ng	98
51) 2,6-Dinitrotoluene	9.698	165	17171	11.814	ng	97
52) Acenaphthene	9.957	154	71289	7.763	ng	99
53) 3-Nitroaniline	9.869	138	17951	10.719	ng	96
54) 2,4-Dinitrophenol	9.969	184	4944	13.996	ng	# 63
55) Dibenzofuran	10.127	168	106693	7.997	ng	98
56) 4-Nitrophenol	10.010	139	13270	8.258	ng	97
57) 2,4-Dinitrotoluene	10.098	165	21738	11.359	ng	98
58) Fluorene	10.469	166	84839	8.221	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	20552	8.994	ng	98
60) Diethylphthalate	10.339	149	82646	8.032	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	41467	8.052	ng	99
62) 4-Nitroaniline	10.474	138	17594	10.591	ng	96
63) Azobenzene	10.627	77	74342	7.665	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	7707	13.695	ng	99
66) n-Nitrosodiphenylamine	10.580	169	74349	7.953	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	26076	7.763	ng	95
68) Hexachlorobenzene	11.016	284	27495	7.792	ng	100
69) Atrazine	11.104	200	23700	8.480	ng	99
70) Pentachlorophenol	11.210	266	15334	7.736	ng	98
71) Phenanthrene	11.433	178	124553	7.953	ng	99
72) Anthracene	11.486	178	127478	8.116	ng	99
73) Carbazole	11.633	167	106728	8.061	ng	99
74) Di-n-butylphthalate	11.968	149	126324	8.498	ng	99
75) Fluoranthene	12.621	202	123096	8.558	ng	99
77) Benzidine	12.739	184	53664	11.893	ng	98
78) Pyrene	12.851	202	123410	7.583	ng	99
80) Butylbenzylphthalate	13.468	149	34537	9.502	ng	98
81) Benzo(a)anthracene	14.033	228	100346	7.855	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	28145	8.082	ng	98
83) Chrysene	14.074	228	84349	7.345	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	45968	8.831	ng	98
85) Di-n-octyl phthalate	14.645	149	66634	5.694	ng	99
87) Indeno(1,2,3-cd)pyrene	17.003	276	81498	7.234	ng	99
88) Benzo(b)fluoranthene	15.086	252	70300	7.220	ng	99
89) Benzo(k)fluoranthene	15.115	252	71780	8.524	ng	98
90) Benzo(a)pyrene	15.456	252	66291	7.920	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	68047	7.343	ng	98
92) Benzo(g,h,i)perylene	17.450	276	64535	7.229	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

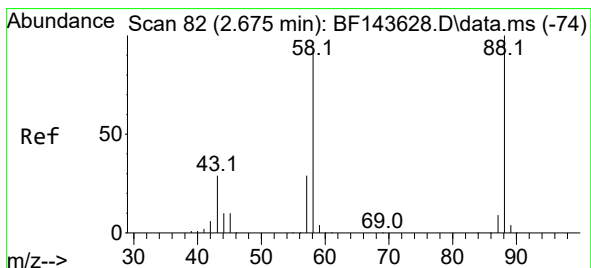
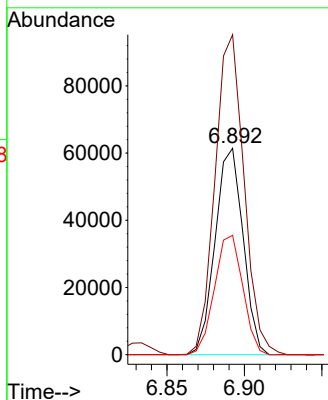
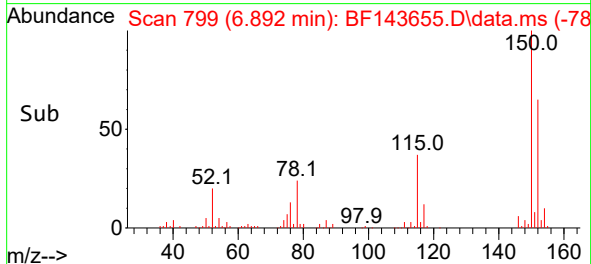
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



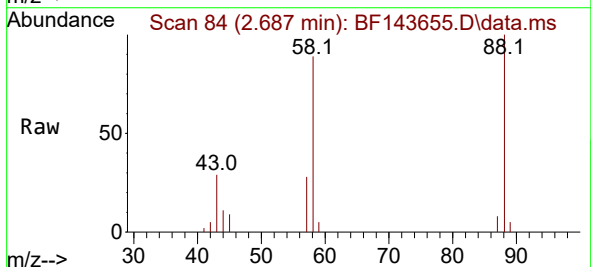
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Ion Ratio Lower Upper
152 100
150 155.0 128.4 192.6
115 57.8 47.9 71.9

Manual Integrations
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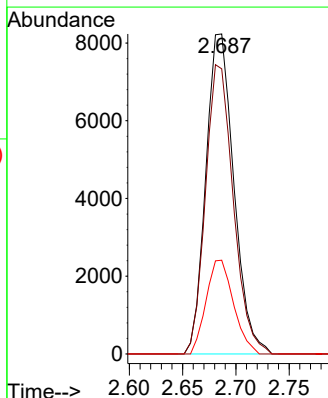
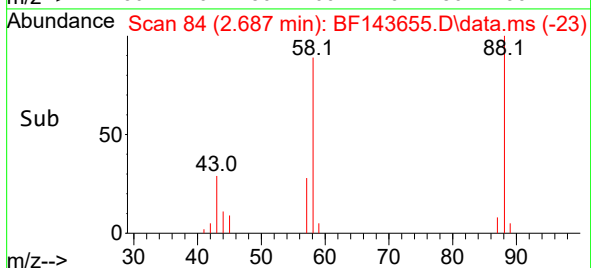
Reviewed By :Rahul Chavli 09/05/2025
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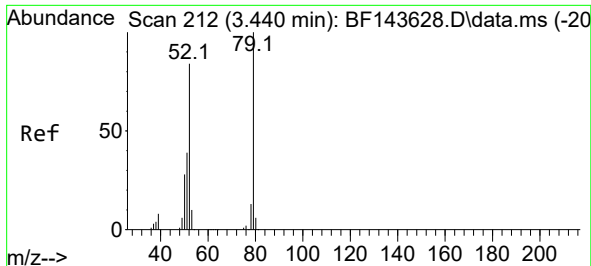


#2
1,4-Dioxane
Concen: 7.350 ng
RT: 2.687 min Scan# 84
Delta R.T. 0.012 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21



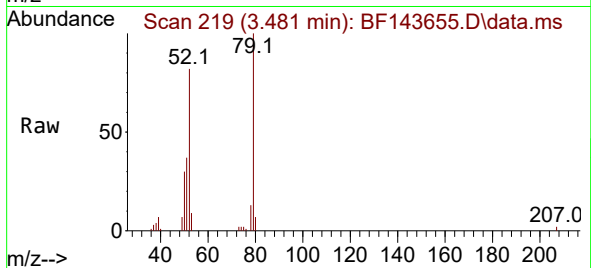
Tgt Ion: 88 Resp: 15083
Ion Ratio Lower Upper
88 100
58 89.6 73.9 110.9
43 28.6 23.4 35.2





#3
Pyridine
Concen: 6.534 ng
RT: 3.481 min Scan# 212
Delta R.T. 0.041 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

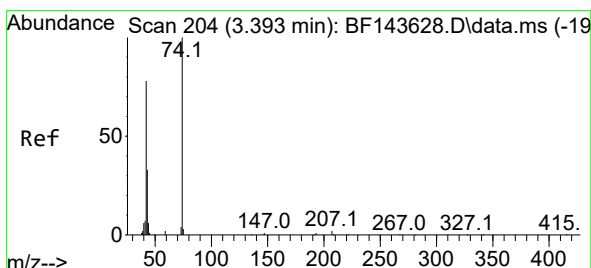
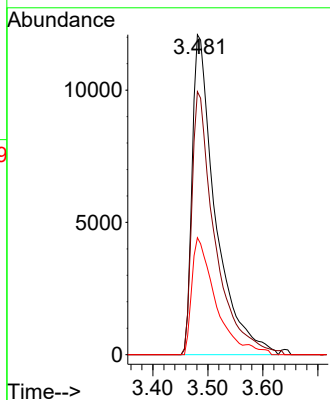
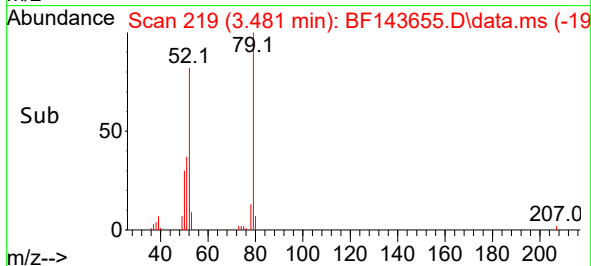
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



Tgt Ion: 79 Resp: 3552
Ion Ratio Lower Upper
79 100
52 82.2 67.4 101.2
51 36.5 31.0 46.6

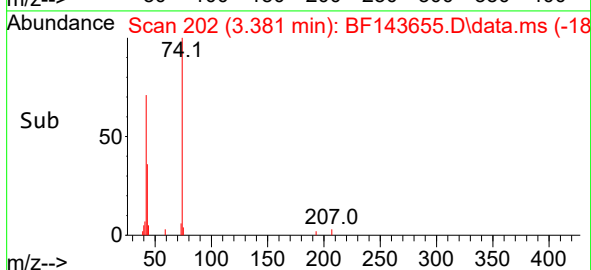
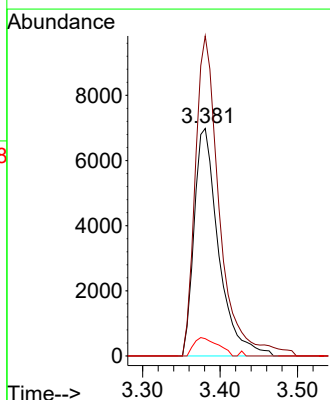
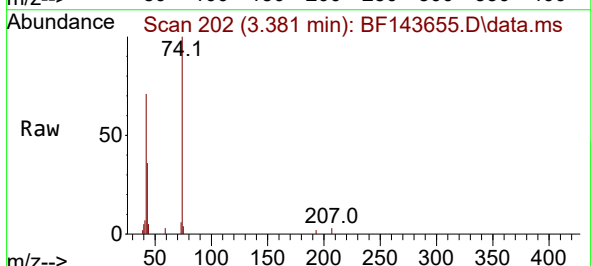
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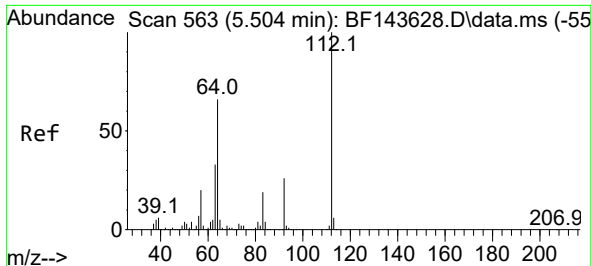
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Supervised By :Jagrut Upadhyay 09/05/2025



#4
n-Nitrosodimethylamine
Concen: 6.754 ng
RT: 3.381 min Scan# 202
Delta R.T. -0.012 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

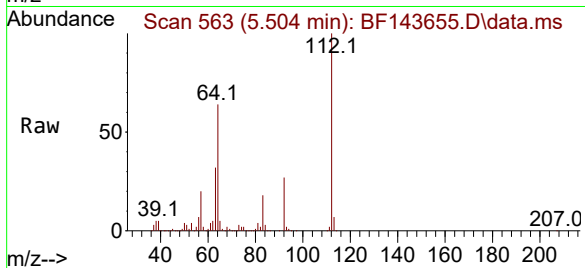
Tgt Ion: 42 Resp: 15251
Ion Ratio Lower Upper
42 100
74 140.6 102.9 154.3
44 7.6 6.5 9.7





#5
2-Fluorophenol
Concen: 121.717 ng
RT: 5.504 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

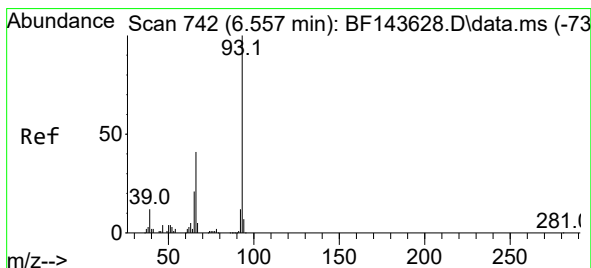
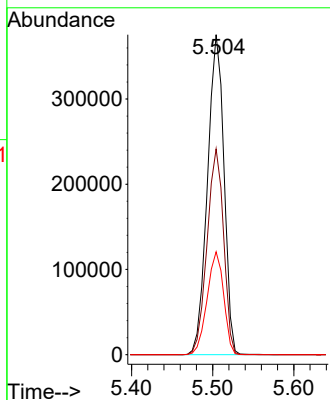
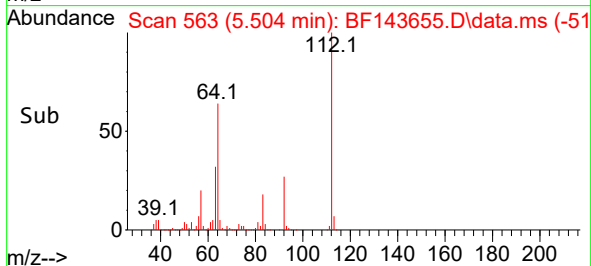
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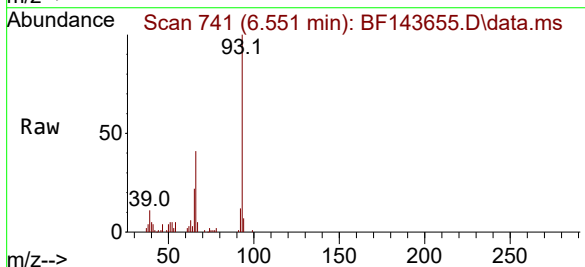
Tgt Ion: 112 Resp: 529414
Ion Ratio Lower Upper
112 100
64 64.3 52.7 79.1
63 32.2 26.5 39.7

Manual Integrations
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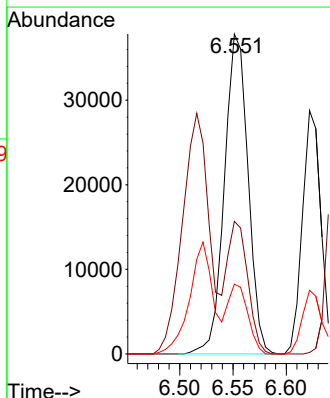
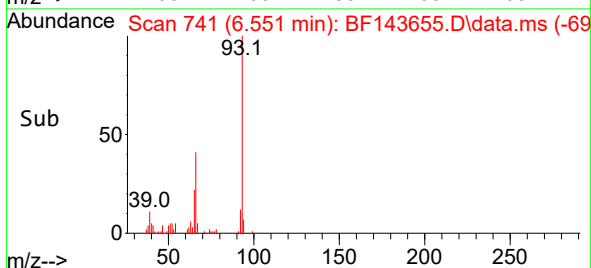
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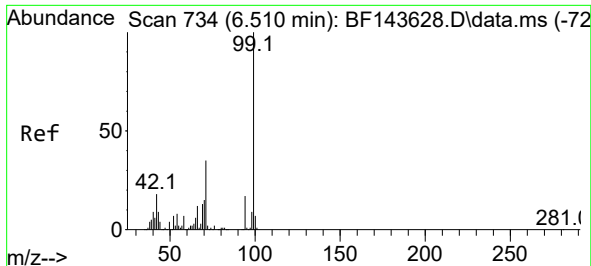


#6
Aniline
Concen: 7.765 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21



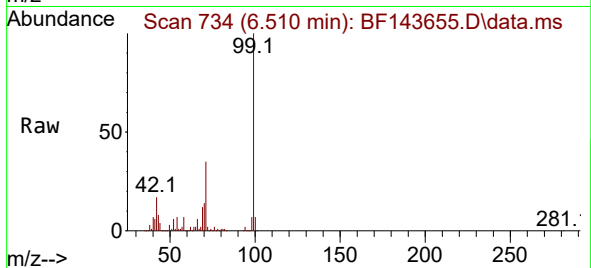
Tgt Ion: 93 Resp: 58352
Ion Ratio Lower Upper
93 100
66 41.5 34.6 51.8
65 21.8 16.9 25.3





#7
Phenol-d6
Concen: 123.356 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

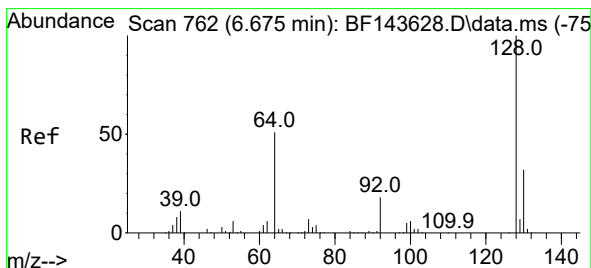
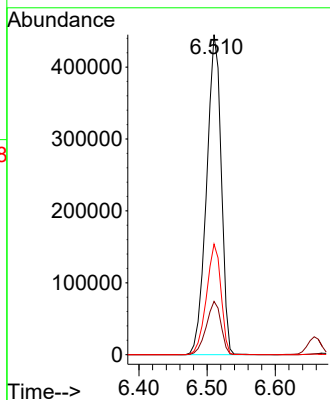
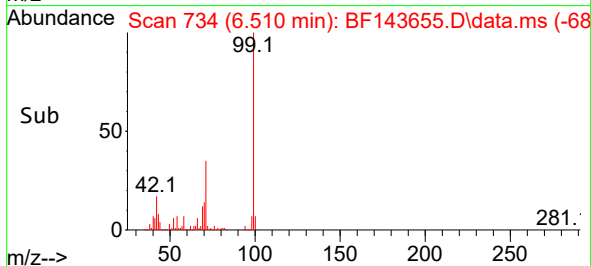
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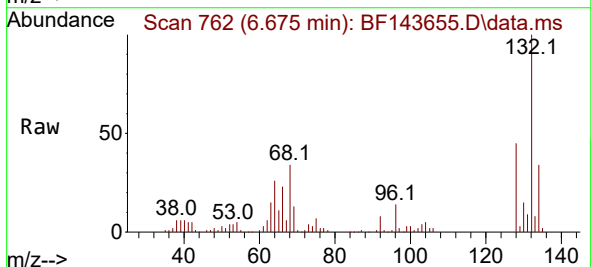
Tgt Ion: 99 Resp: 665930
Ion Ratio Lower Upper
99 100
42 16.7 14.6 22.0
71 34.6 28.0 42.0

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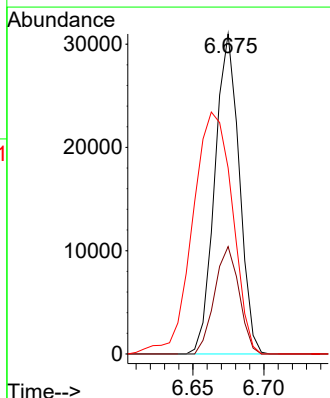
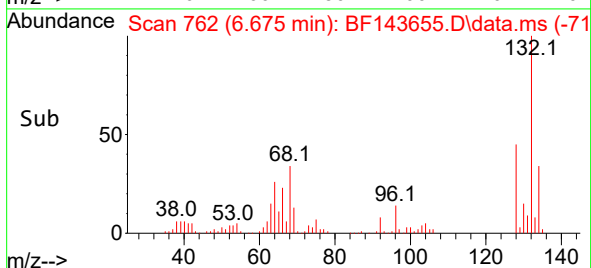
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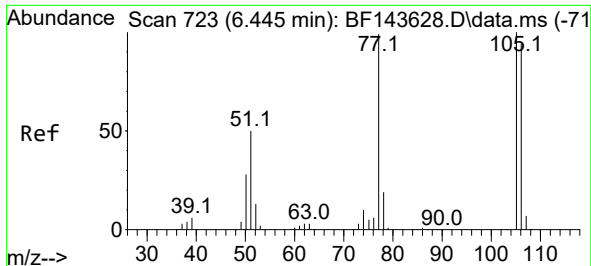


#8
2-Chlorophenol
Concen: 8.203 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21



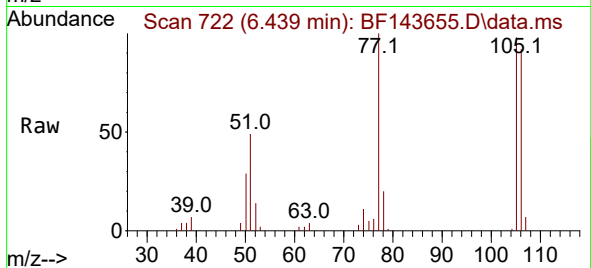
Tgt Ion:128 Resp: 36949
Ion Ratio Lower Upper
128 100
130 33.6 12.3 52.3
64 58.1 32.9 72.9





#9
Benzaldehyde
Concen: 7.589 ng
RT: 6.439 min Scan# 723
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

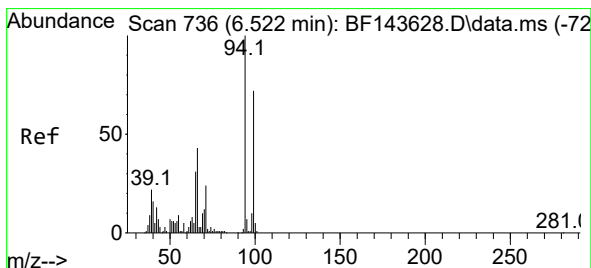
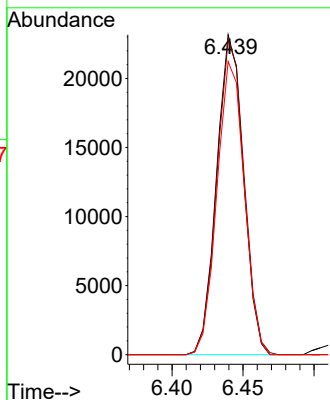
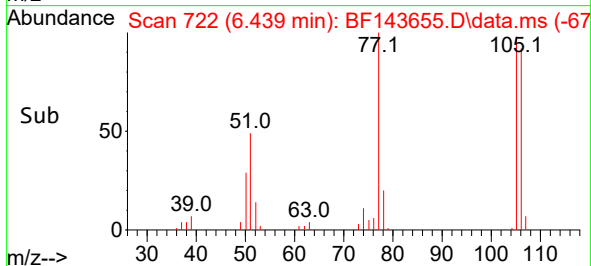
Instrument : BNA_F
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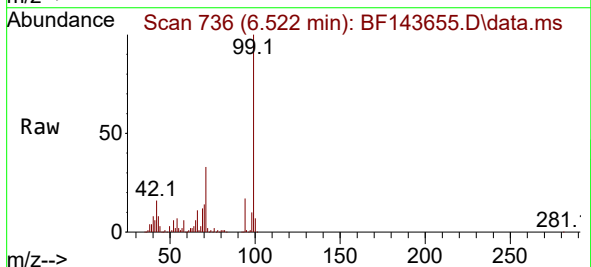
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Ion Ratio Lower Upper
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105 98.3 80.9 120.9
106 91.6 75.1 115.1

Manual Integrations
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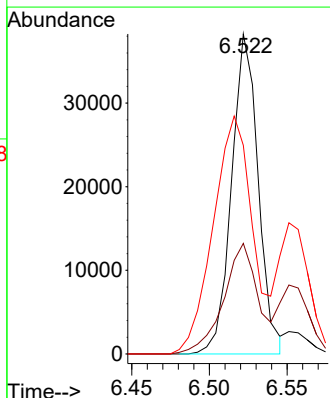
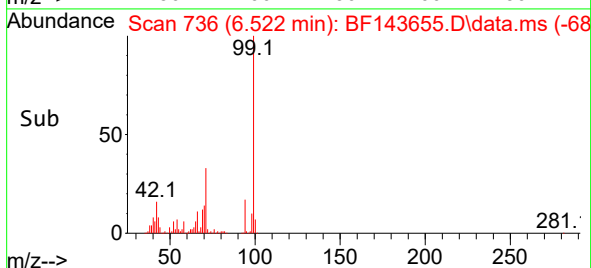
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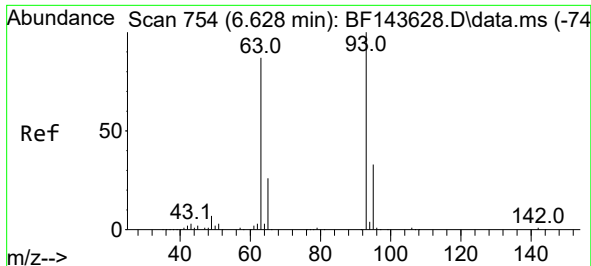


#10
Phenol
Concen: 7.715 ng m
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21



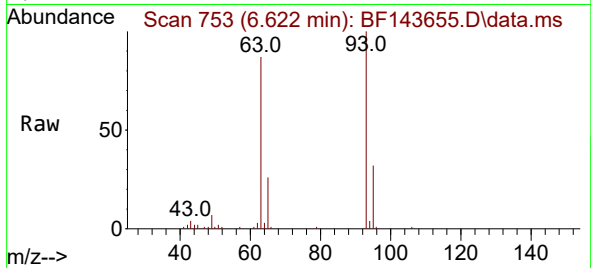
Tgt Ion: 94 Resp: 45663
Ion Ratio Lower Upper
94 100
65 34.5 11.4 51.4
66 65.2 23.7 63.7#





#11
bis(2-Chloroethyl)ether
Concen: 7.504 ng
RT: 6.622 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

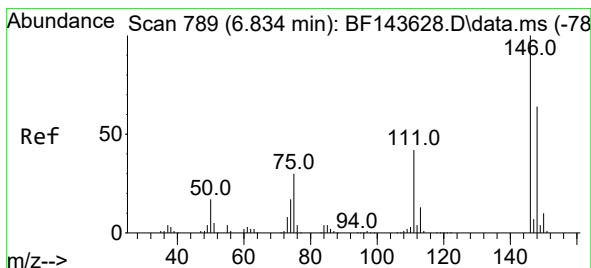
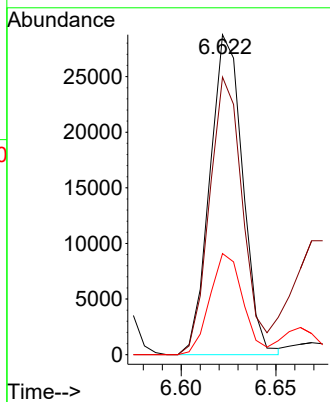
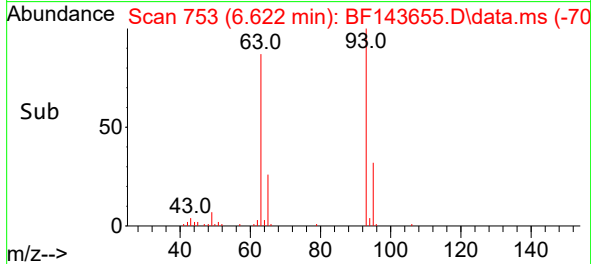
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



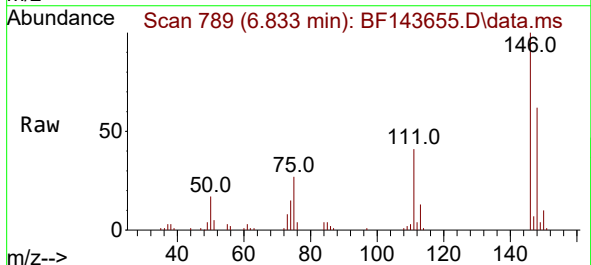
Tgt Ion: 93 Resp: 3478
Ion Ratio Lower Upper
93 100
63 86.7 66.5 106.5
95 31.6 12.7 52.7

Manual Integrations
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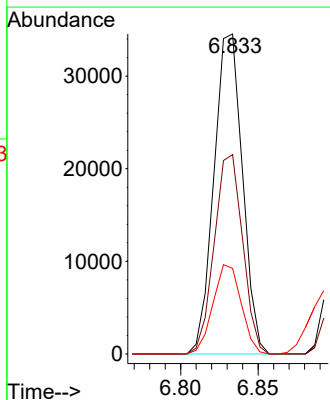
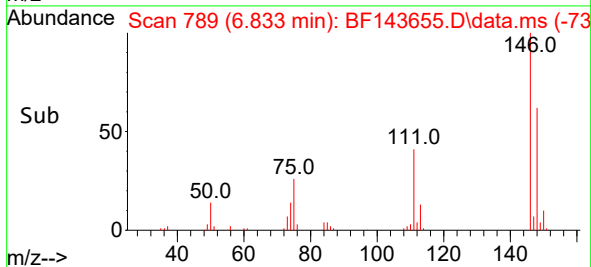
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

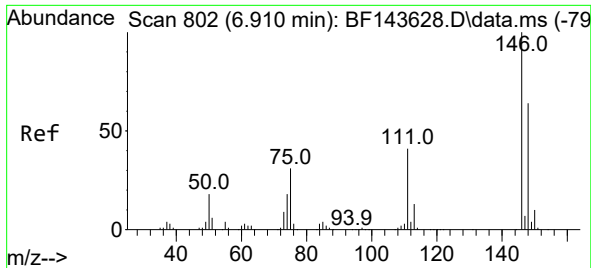


#12
1,3-Dichlorobenzene
Concen: 7.961 ng
RT: 6.833 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21



Tgt Ion:146 Resp: 44257
Ion Ratio Lower Upper
146 100
148 62.3 50.9 76.3
75 26.7 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 7.780 ng

RT: 6.910 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF143655.D

Acq: 05 Sep 2025 12:21

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2025

Tgt Ion:146 Resp: 4338

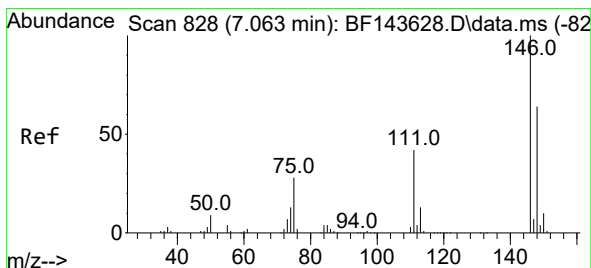
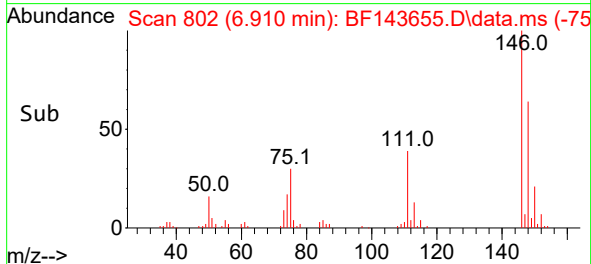
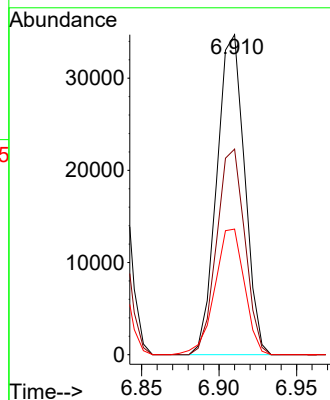
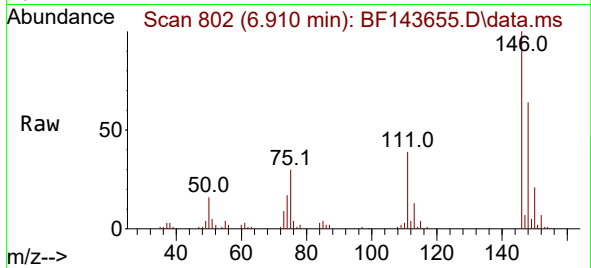
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
111	39.2	33.1	49.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#14

1,2-Dichlorobenzene

Concen: 8.121 ng

RT: 7.057 min Scan# 827

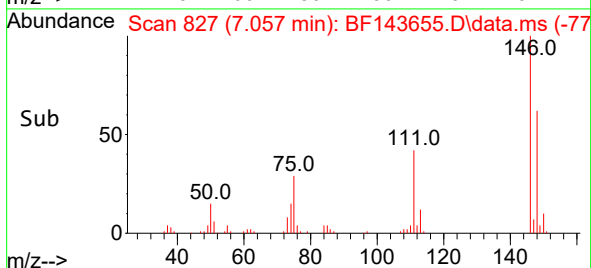
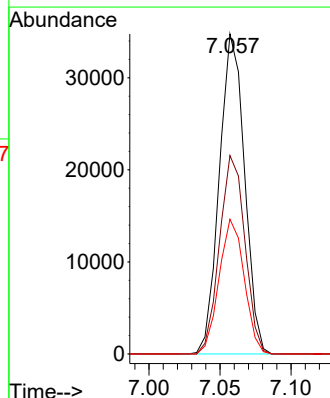
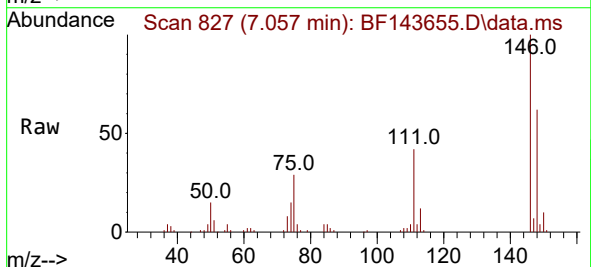
Delta R.T. -0.006 min

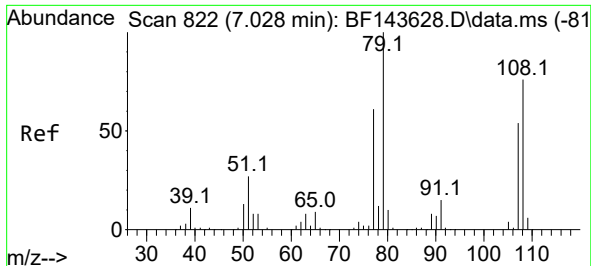
Lab File: BF143655.D

Acq: 05 Sep 2025 12:21

Tgt Ion:146 Resp: 42855

Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.2	76.8
111	42.1	33.9	50.9





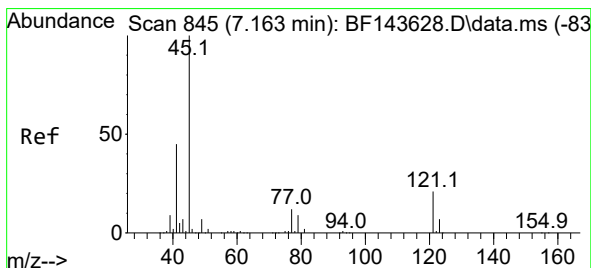
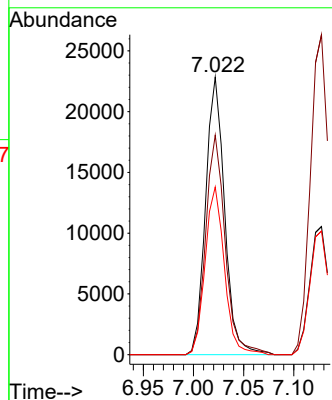
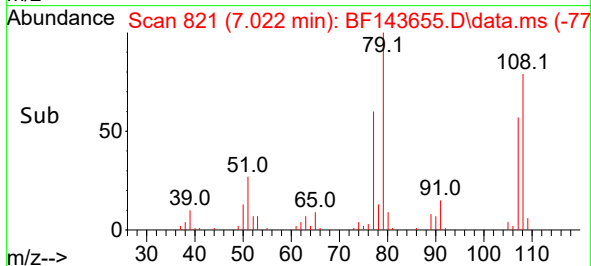
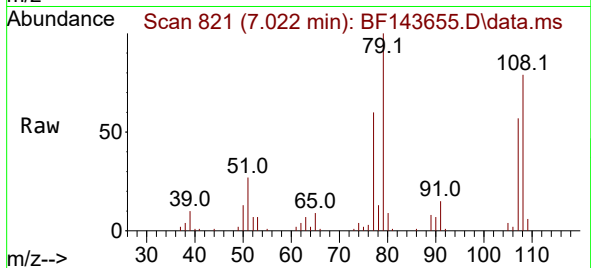
#15
Benzyl Alcohol
Concen: 7.375 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025

Tgt Ion: 79 Resp: 30254
Ion Ratio Lower Upper
79 100
108 79.1 60.9 91.3
77 60.4 48.4 72.6

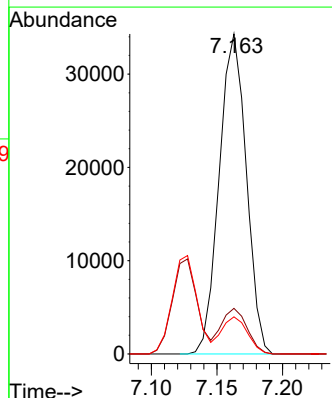
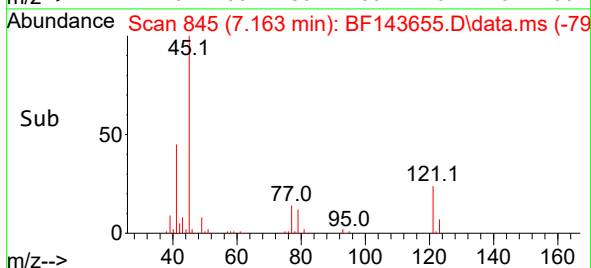
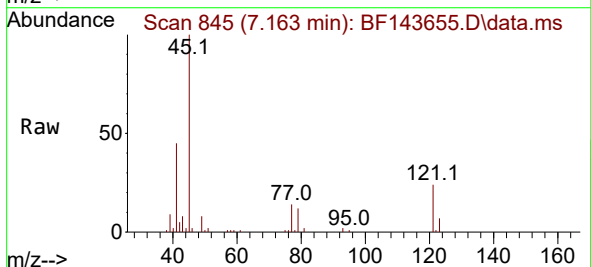
Manual Integrations
APPROVED

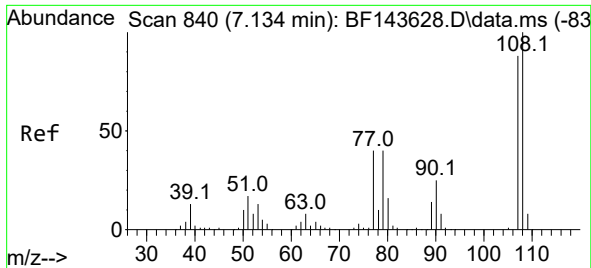
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#16
2,2'-oxybis(1-chloropropane)
Concen: 6.749 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

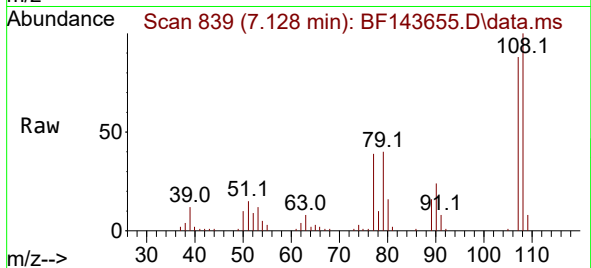
Tgt Ion: 45 Resp: 49235
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.5
79 11.6 0.0 29.8





#17
2-Methylphenol
Concen: 7.516 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

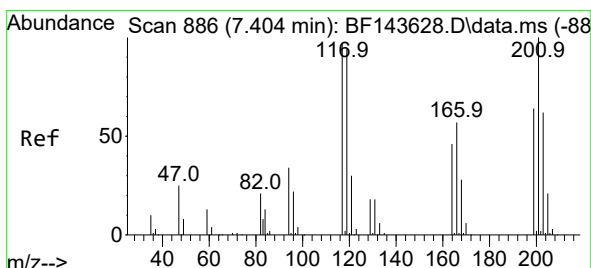
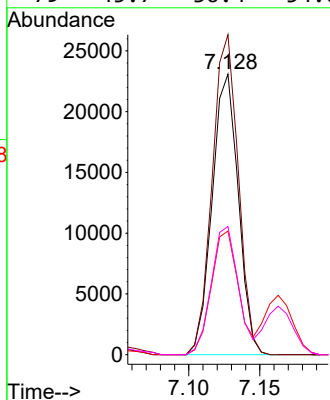
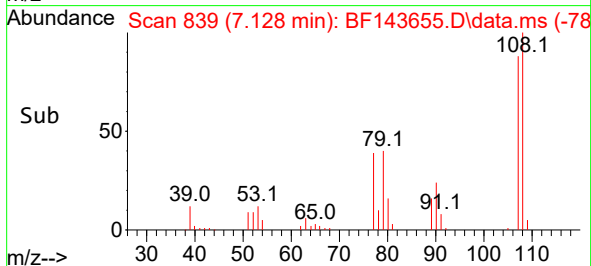
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



Tgt Ion:	107	Resp:	2960
Ion Ratio	Lower	Upper	
107	100		
108	114.1	90.5	135.7
77	44.1	35.9	53.9
79	45.7	36.4	54.6

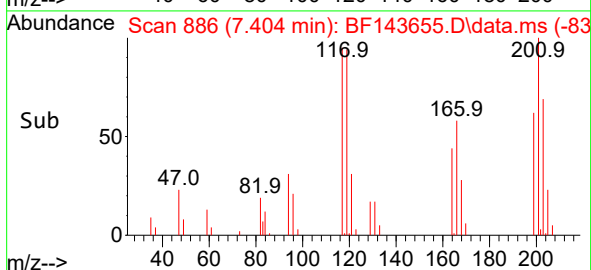
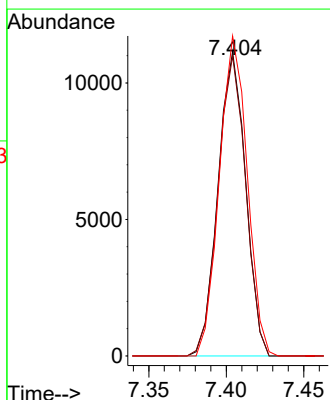
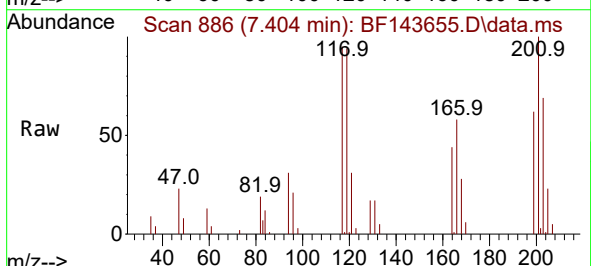
Manual Integrations
APPROVED

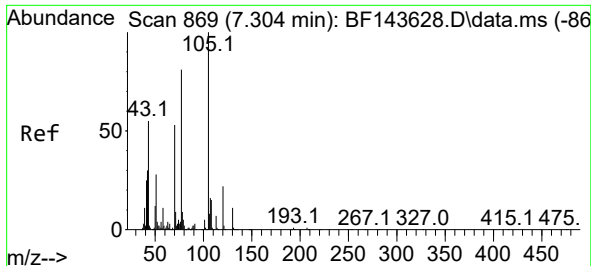
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#18
Hexachloroethane
Concen: 7.919 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

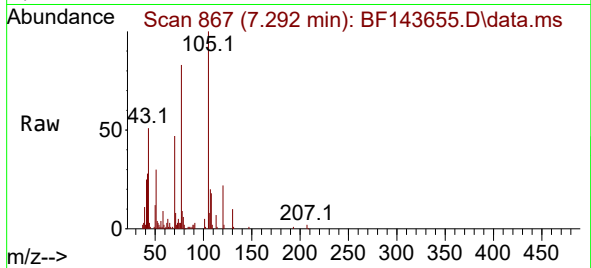
Tgt Ion:	117	Resp:	13774
Ion Ratio	Lower	Upper	
117	100		
119	98.6	77.7	116.5
201	105.2	82.7	124.1





#19
n-Nitroso-di-n-propylamine
Concen: 7.557 ng
RT: 7.292 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

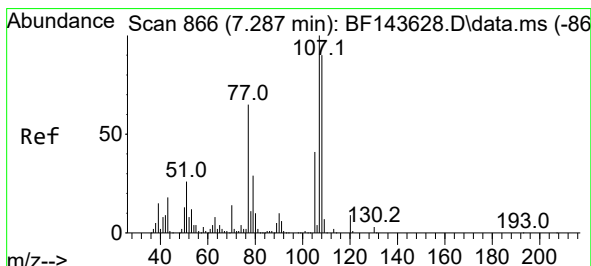
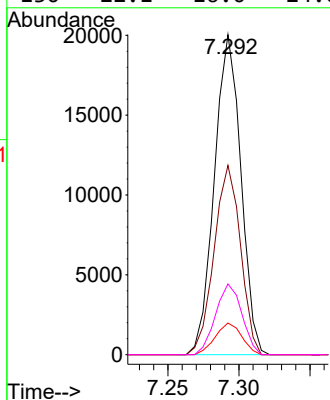
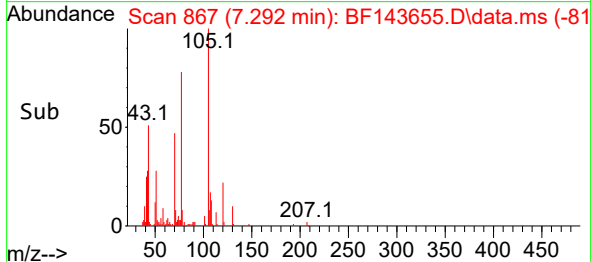
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



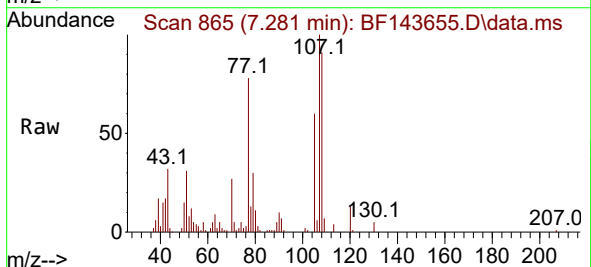
Tgt Ion: 70 Resp: 25980
Ion Ratio Lower Upper
70 100
42 59.2 45.2 67.8
101 9.9 7.6 11.4
130 22.1 16.0 24.0

Manual Integrations
APPROVED

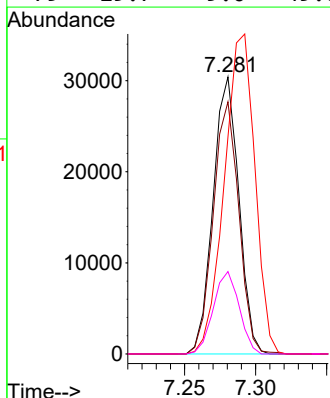
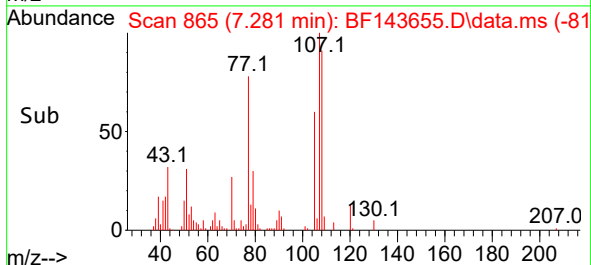
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

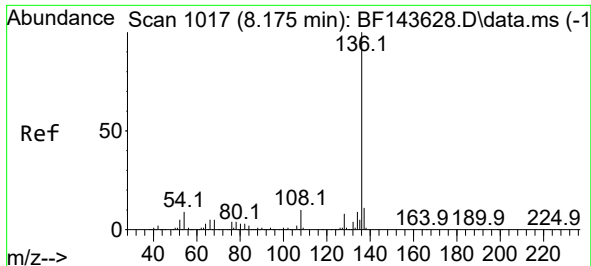


#20
3+4-Methylphenols
Concen: 7.744 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21



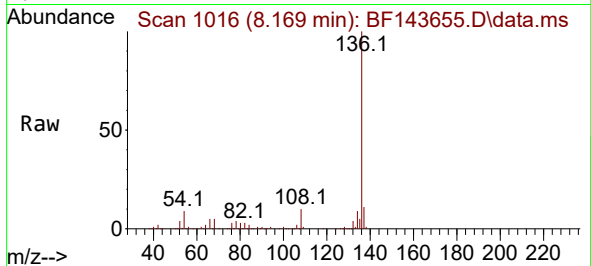
Tgt Ion:107 Resp: 38393
Ion Ratio Lower Upper
107 100
108 91.1 69.6 109.6
77 78.3 45.5 85.5
79 29.7 9.0 49.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

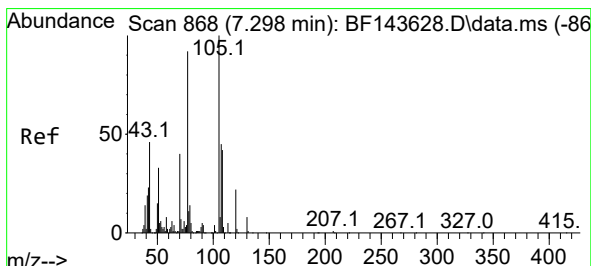
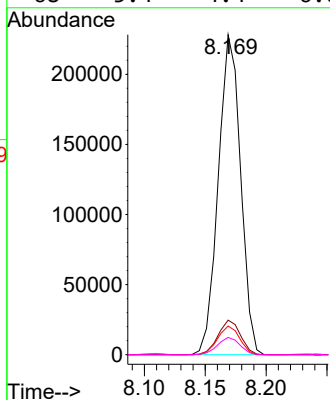
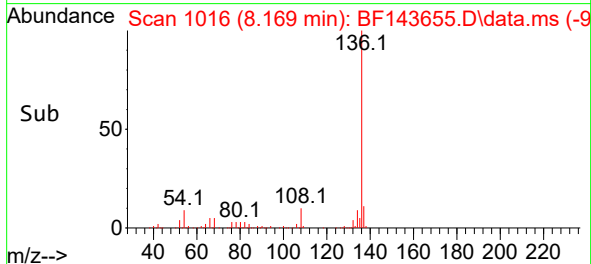
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



Tgt Ion:136 Resp: 29090
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.0 7.3 10.9
68 5.4 4.4 6.6

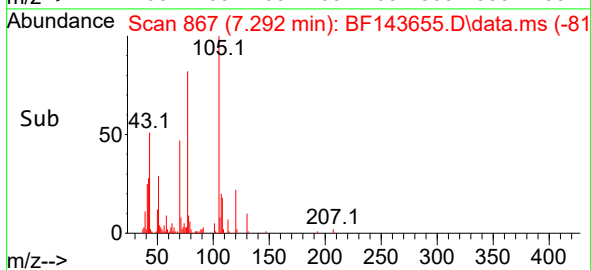
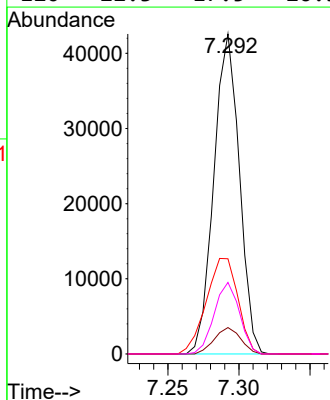
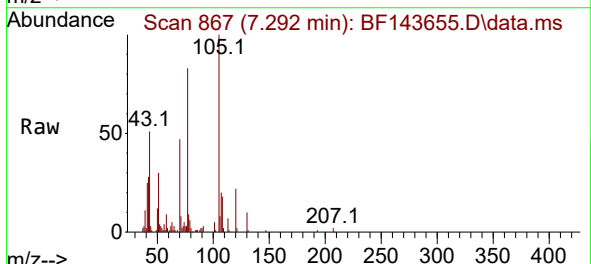
Manual Integrations
APPROVED

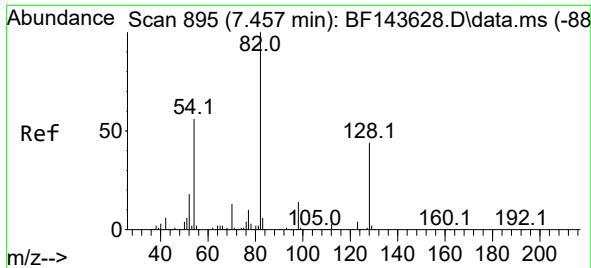
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#22
Acetophenone
Concen: 8.078 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

Tgt Ion:105 Resp: 53139
Ion Ratio Lower Upper
105 100
71 8.2 5.3 7.9#
51 29.7 26.7 40.1
120 22.3 17.5 26.3





#23

Nitrobenzene-d5

Concen: 100.335 ng

RT: 7.451 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF143655.D

Acq: 05 Sep 2025 12:21

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2025

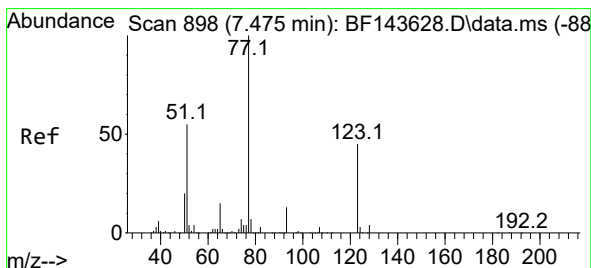
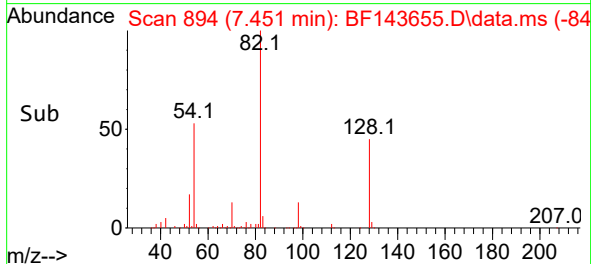
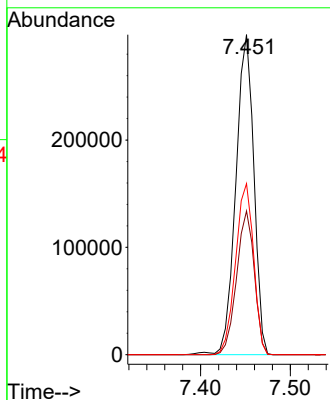
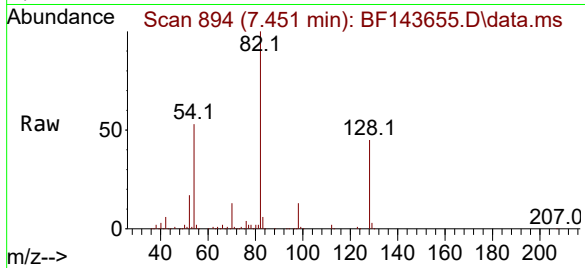
Tgt Ion: 82 Resp: 415285
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.7 52.1
 54 53.4 44.8 67.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#24

Nitrobenzene

Concen: 8.817 ng

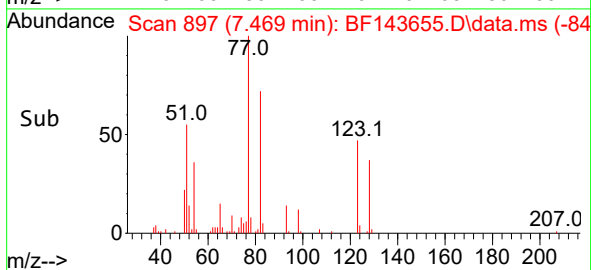
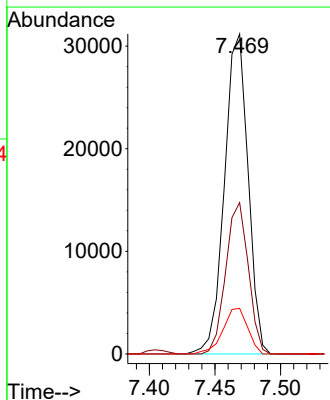
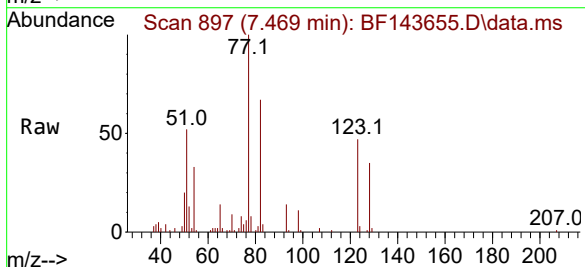
RT: 7.469 min Scan# 897

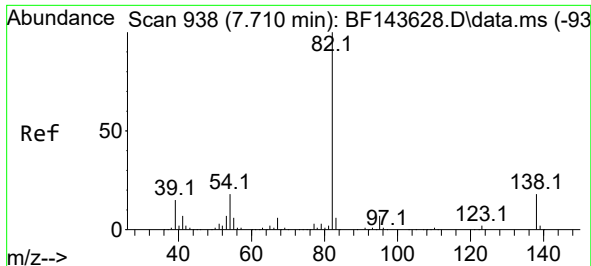
Delta R.T. -0.006 min

Lab File: BF143655.D

Acq: 05 Sep 2025 12:21

Tgt Ion: 77 Resp: 39018
 Ion Ratio Lower Upper
 77 100
 123 47.3 36.2 54.4
 65 14.3 11.8 17.8





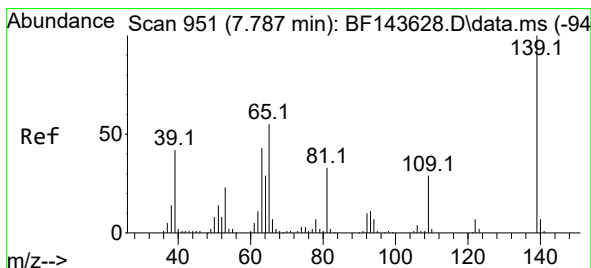
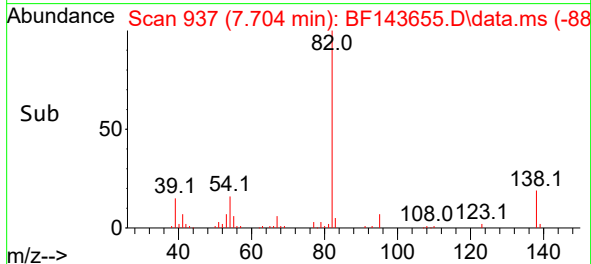
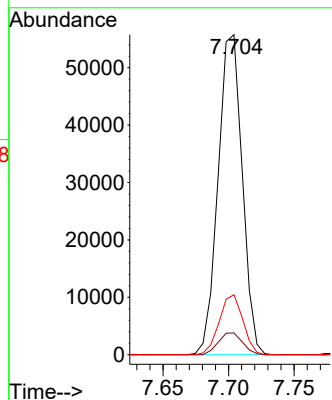
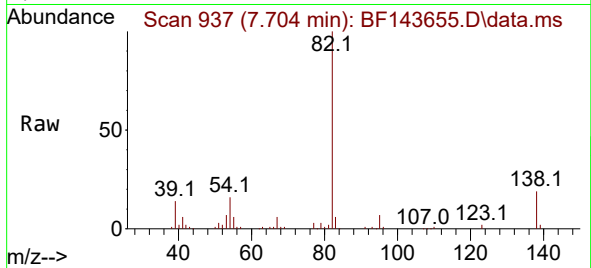
#25
Isophorone
Concen: 7.649 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025

Tgt Ion: 82 Resp: 7134
Ion Ratio Lower Upper
82 100
95 6.8 5.8 8.8
138 18.8 14.2 21.2

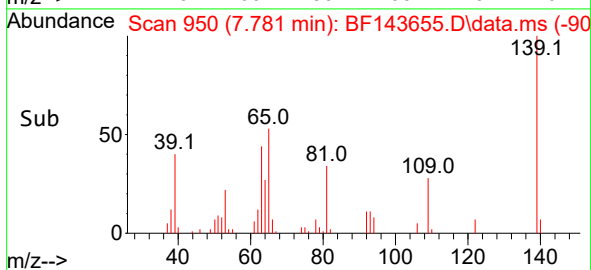
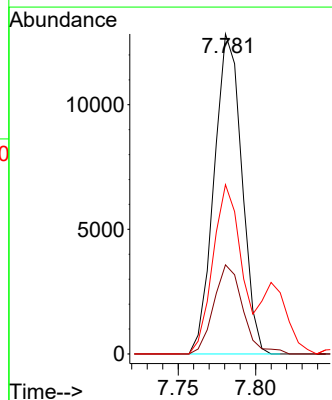
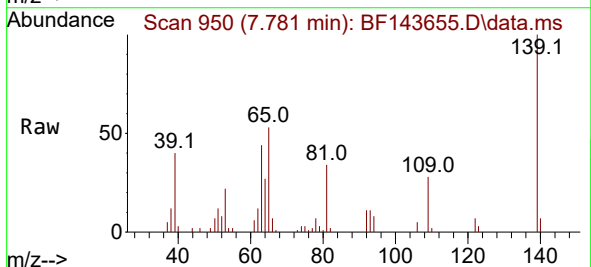
Manual Integrations
APPROVED

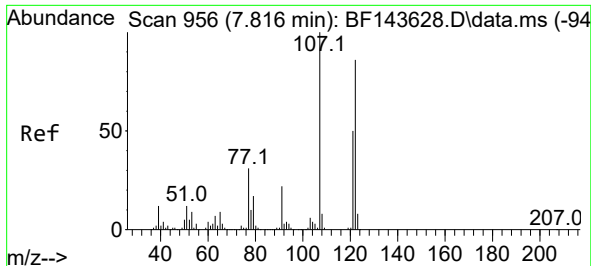
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#26
2-Nitrophenol
Concen: 12.557 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

Tgt Ion:139 Resp: 15953
Ion Ratio Lower Upper
139 100
109 27.8 23.5 35.3
65 52.9 44.1 66.1





#27

2,4-Dimethylphenol

Concen: 8.769 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143655.D

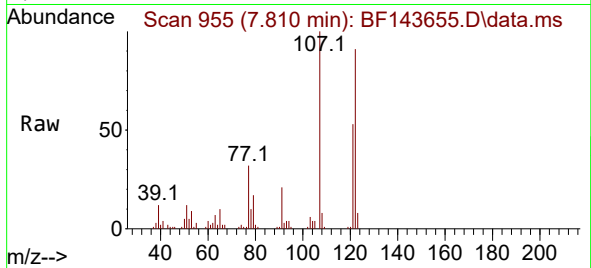
Acq: 05 Sep 2025 12:21

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2025



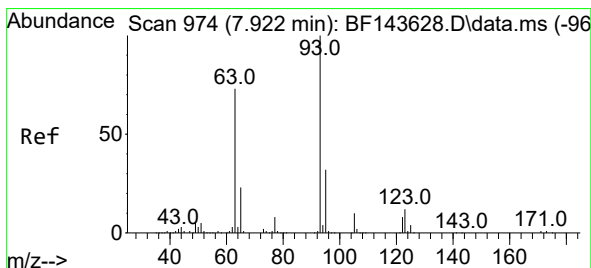
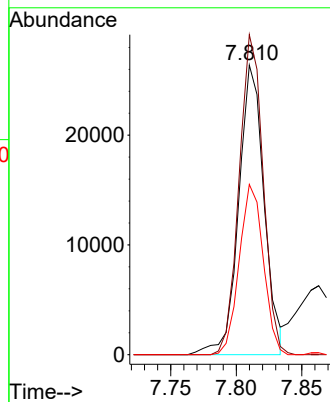
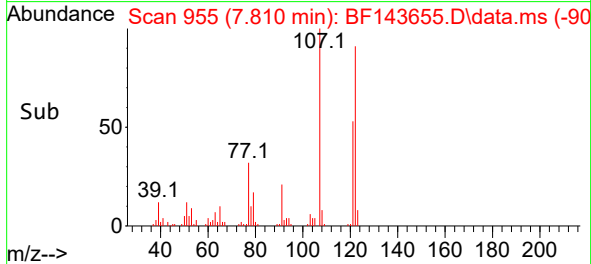
Tgt Ion:	122	Resp:	3560
Ion	Ratio	Lower	Upper
122	100		
107	110.5	93.4	140.0
121	58.8	46.9	70.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#28

bis(2-Chloroethoxy)methane

Concen: 7.742 ng

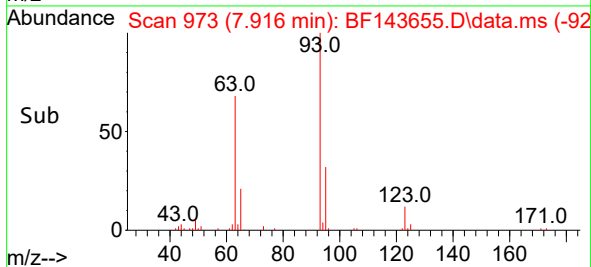
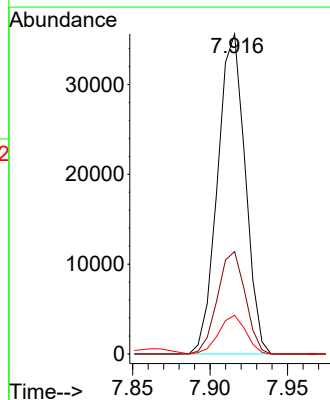
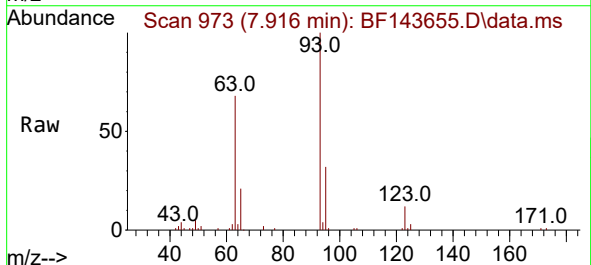
RT: 7.916 min Scan# 973

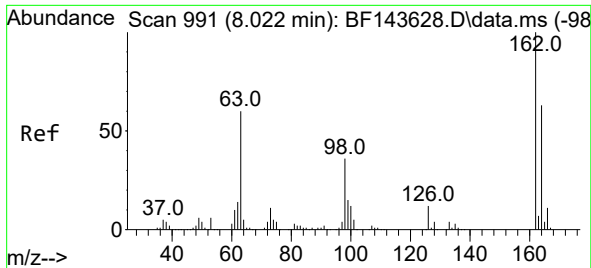
Delta R.T. -0.006 min

Lab File: BF143655.D

Acq: 05 Sep 2025 12:21

Tgt Ion:	93	Resp:	44146
Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.8	38.8
123	12.1	9.6	14.4





#29

2,4-Dichlorophenol

Concen: 8.159 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143655.D

Acq: 05 Sep 2025 12:21

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2025

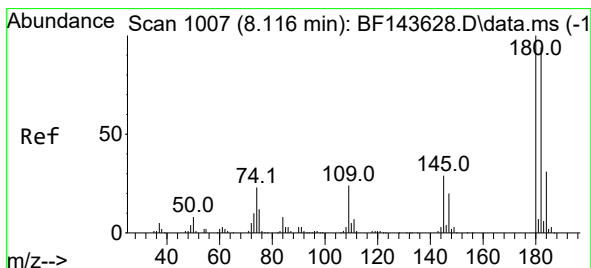
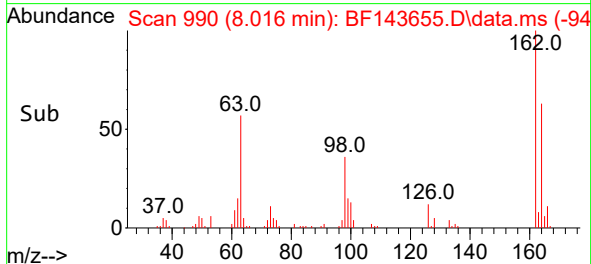
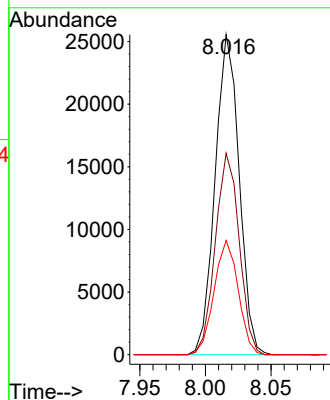
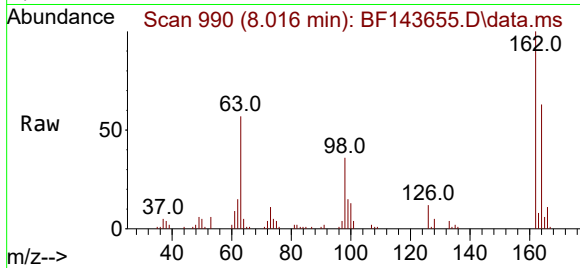
Tgt Ion:162	Resp:	3251
Ion Ratio	Lower	Upper
162	100	
164	63.0	42.9 82.9
98	35.7	15.9 55.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 8.279 ng

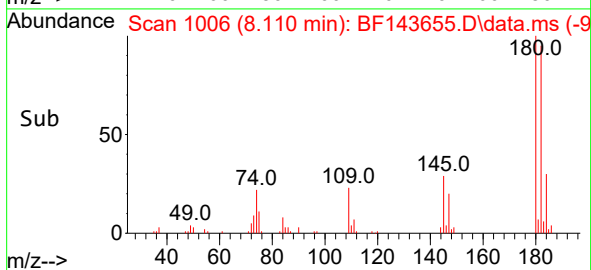
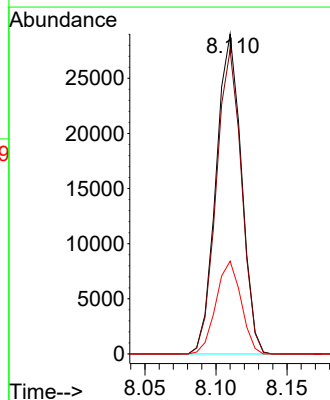
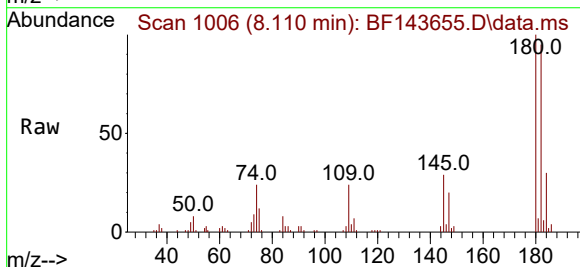
RT: 8.110 min Scan# 1006

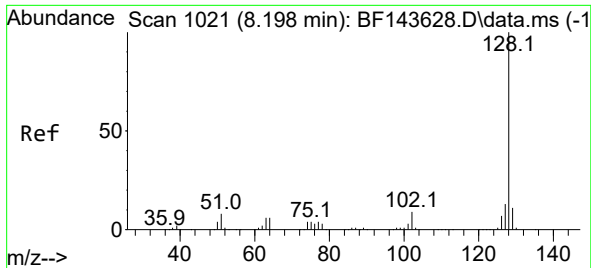
Delta R.T. -0.006 min

Lab File: BF143655.D

Acq: 05 Sep 2025 12:21

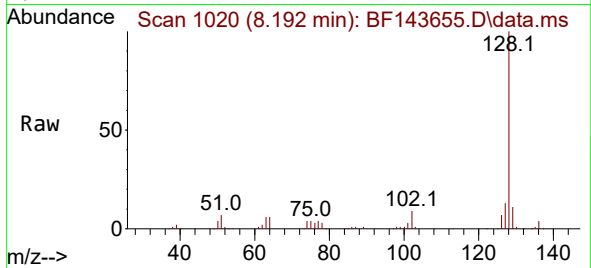
Tgt Ion:180	Resp:	35952
Ion Ratio	Lower	Upper
180	100	
182	95.0	75.2 112.8
145	29.0	23.6 35.4





#31
Naphthalene
Concen: 7.841 ng
RT: 8.192 min Scan# 11157
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

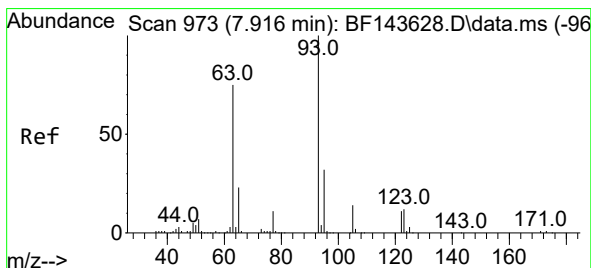
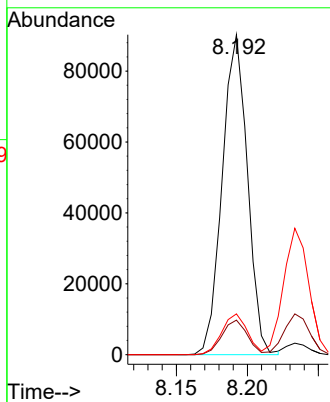
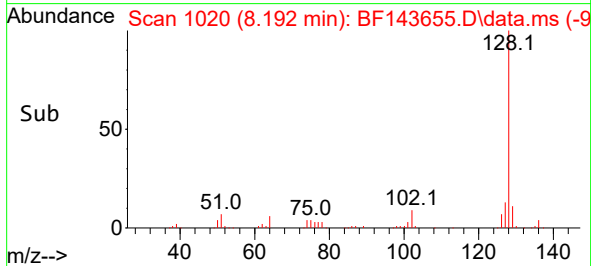
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



Tgt Ion:128 Resp: 11157
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 12.8 10.6 16.0

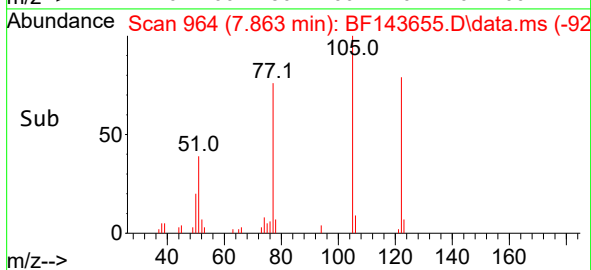
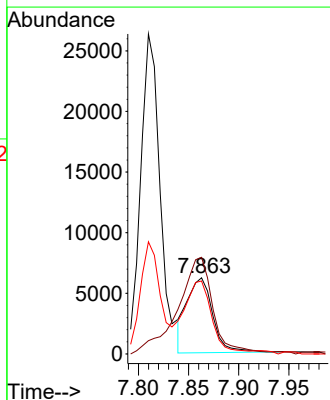
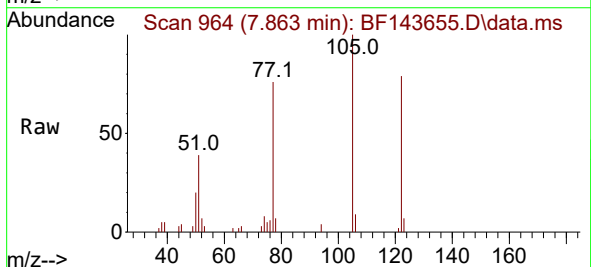
Manual Integrations
APPROVED

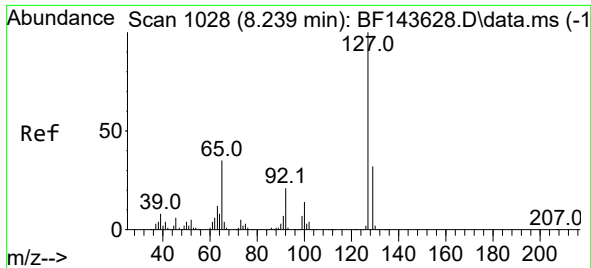
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#32
Benzoic acid
Concen: 11.324 ng
RT: 7.863 min Scan# 964
Delta R.T. -0.053 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

Tgt Ion:122 Resp: 11129
Ion Ratio Lower Upper
122 100
105 126.8 105.9 145.9
77 95.9 78.6 118.6





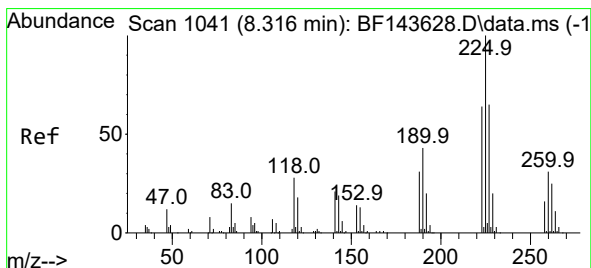
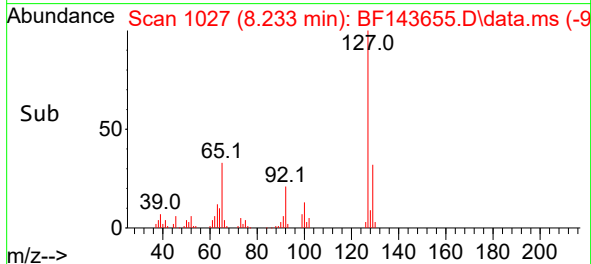
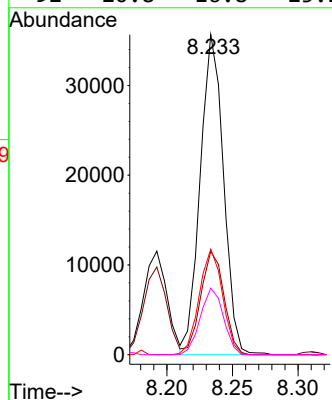
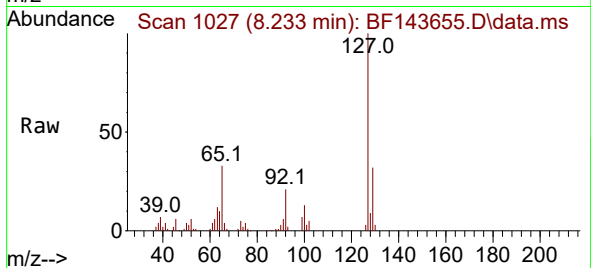
#33
4-Chloroaniline
Concen: 8.974 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025

Tgt Ion:127	Resp: 44210
Ion Ratio	Lower Upper
127 100	
129 32.3	26.2 39.2
65 33.0	27.6 41.4
92 20.8	16.8 25.2

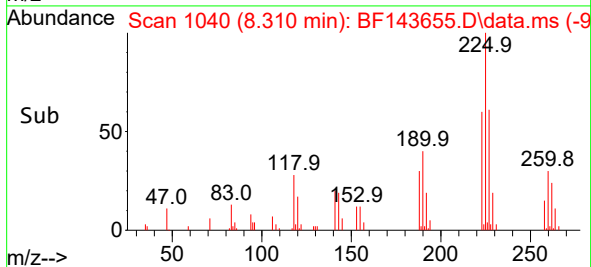
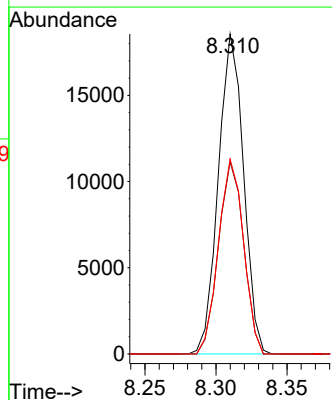
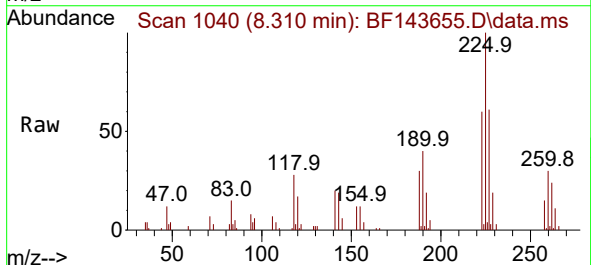
Manual Integrations
APPROVED

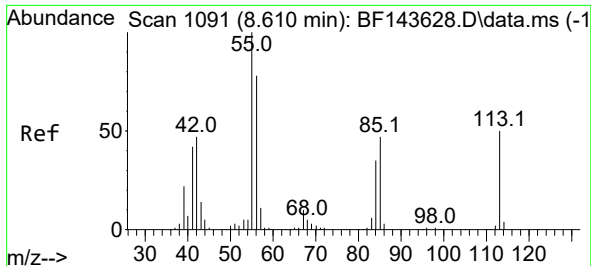
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#34
Hexachlorobutadiene
Concen: 8.100 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

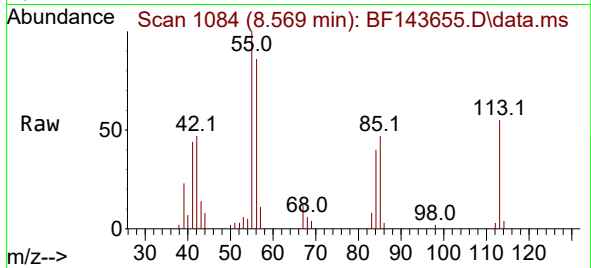
Tgt Ion:225	Resp: 22881
Ion Ratio	Lower Upper
225 100	
223 60.0	51.3 76.9
227 60.9	51.7 77.5





#35
Caprolactam
Concen: 7.534 ng
RT: 8.569 min Scan# 1091
Delta R.T. -0.041 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

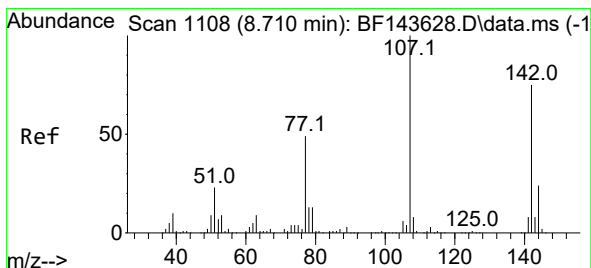
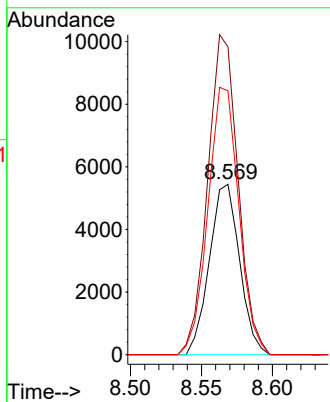
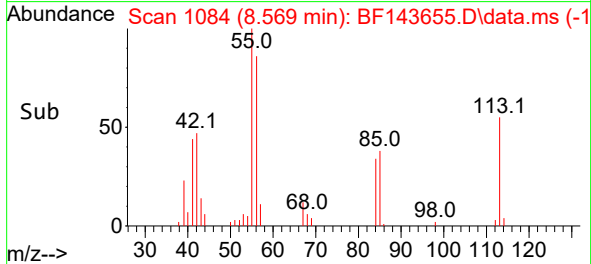
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



Tgt Ion:113 Resp: 8049
Ion Ratio Lower Upper
113 100
55 180.8 180.5 220.5
56 154.9 134.8 174.8

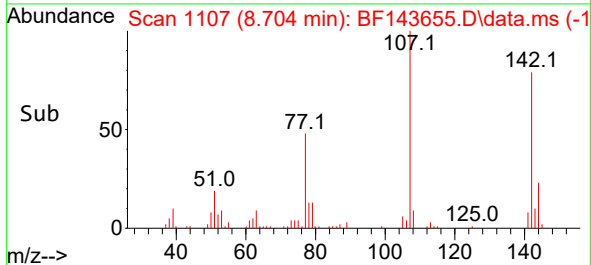
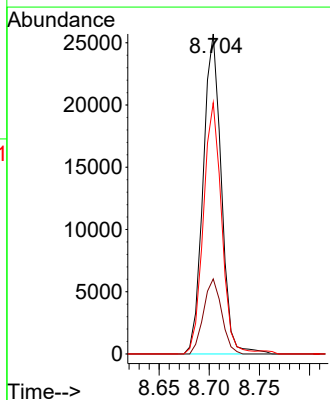
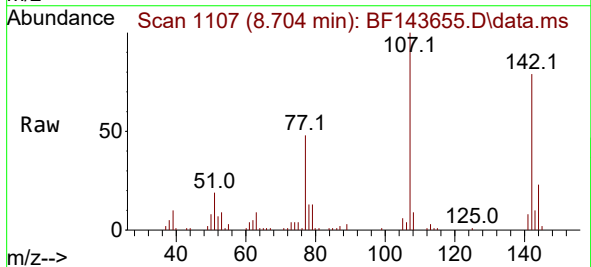
Manual Integrations
APPROVED

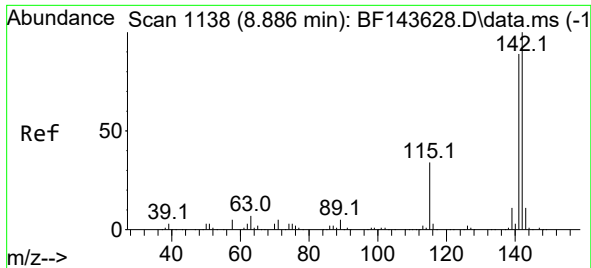
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#36
4-Chloro-3-methylphenol
Concen: 7.792 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

Tgt Ion:107 Resp: 32514
Ion Ratio Lower Upper
107 100
144 23.5 19.0 28.6
142 78.5 60.3 90.5





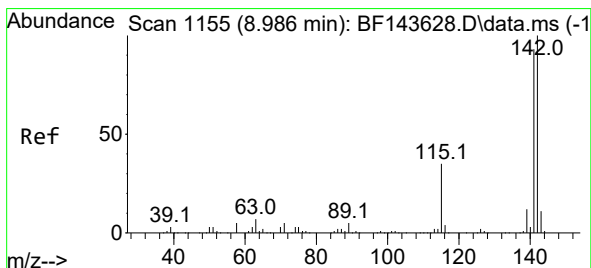
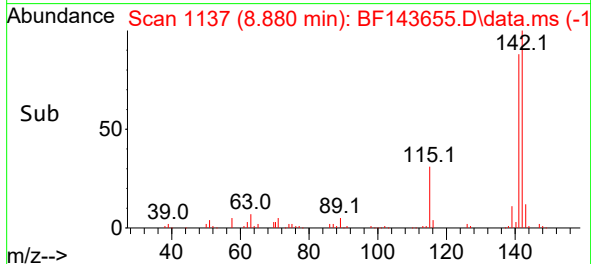
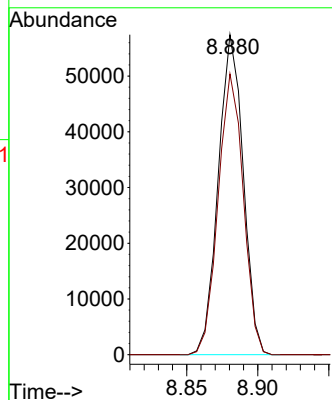
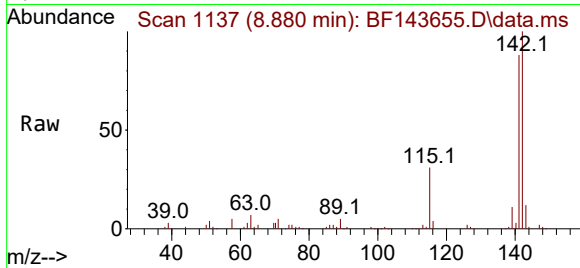
#37
2-Methylnaphthalene
Concen: 7.284 ng
RT: 8.880 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025

Tgt Ion:142 Resp: 7011
Ion Ratio Lower Upper
142 100
141 87.7 70.8 106.2

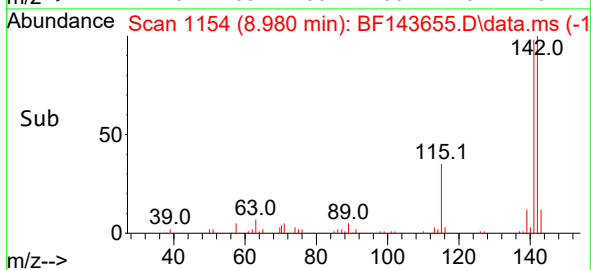
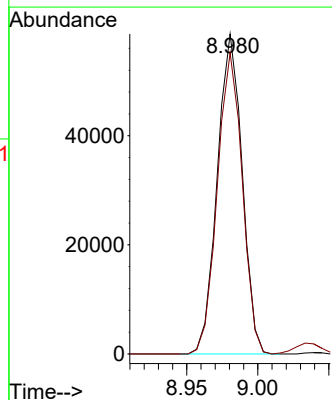
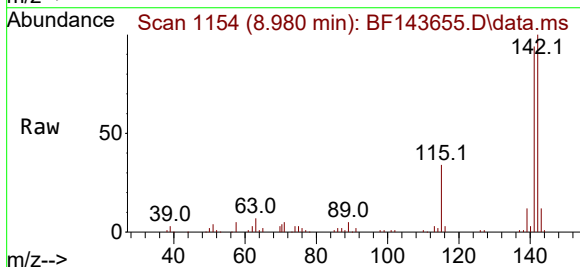
Manual Integrations
APPROVED

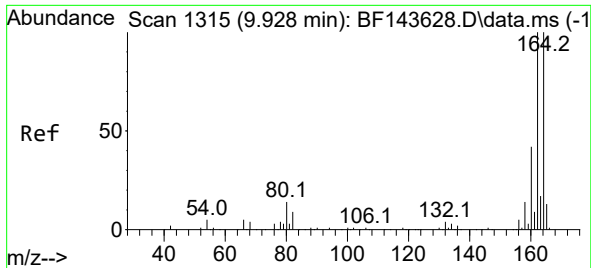
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#38
1-Methylnaphthalene
Concen: 7.759 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

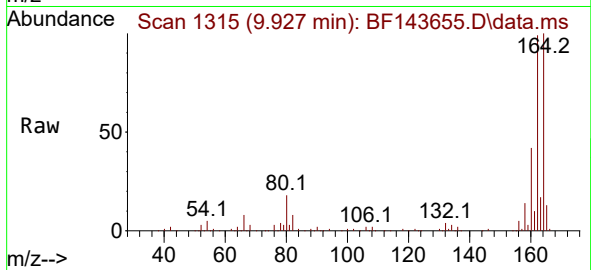
Tgt Ion:142 Resp: 71393
Ion Ratio Lower Upper
142 100
141 94.1 74.5 111.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1165
Delta R.T. -0.001 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

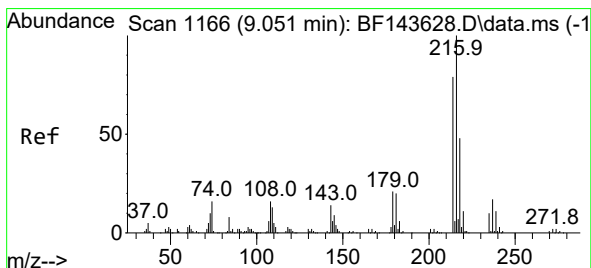
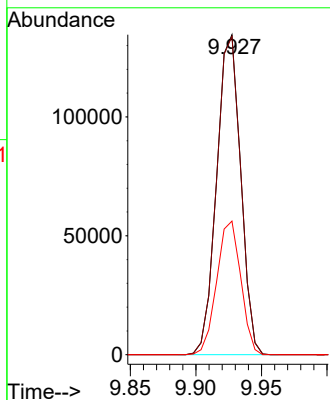
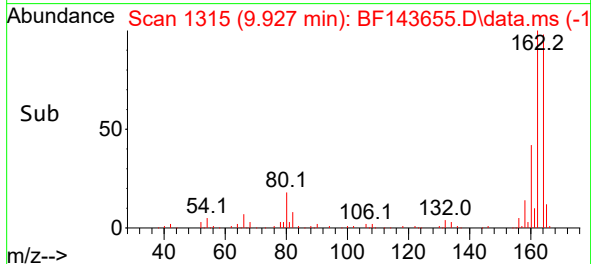
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



Tgt Ion:164 Resp: 17116
Ion Ratio Lower Upper
164 100
162 99.4 80.3 120.5
160 41.8 34.0 51.0

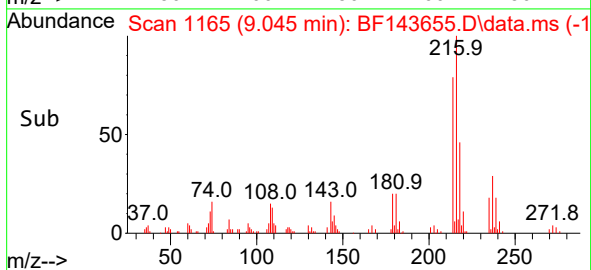
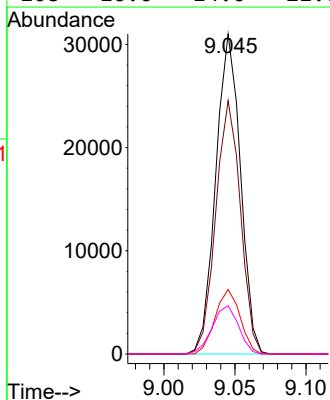
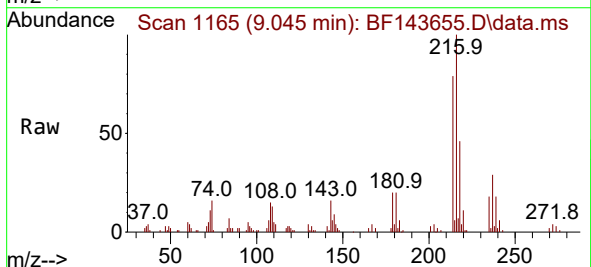
Manual Integrations
APPROVED

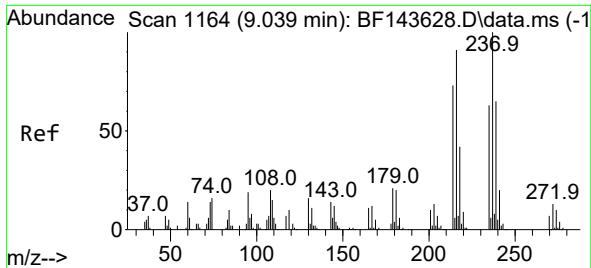
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.916 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

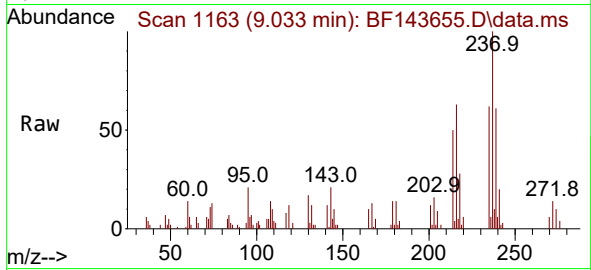
Tgt Ion:216 Resp: 37447
Ion Ratio Lower Upper
216 100
214 79.1 63.3 94.9
179 20.3 17.2 25.8
108 16.0 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 9.235 ng
RT: 9.033 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

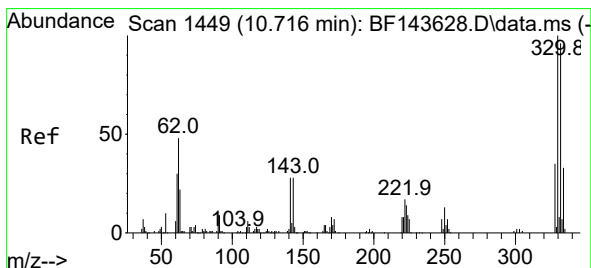
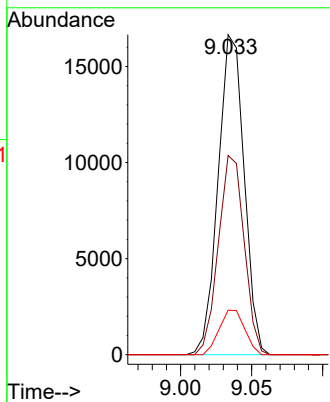
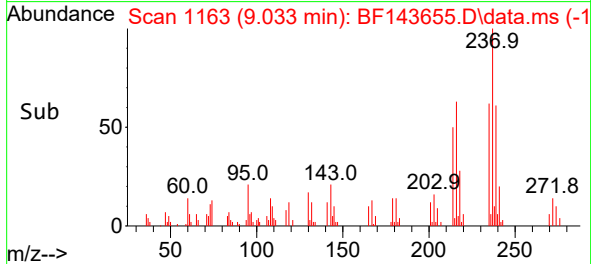
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



Tgt Ion:237 Resp: 21214
Ion Ratio Lower Upper
237 100
235 62.2 43.0 83.0
272 13.9 0.0 32.9

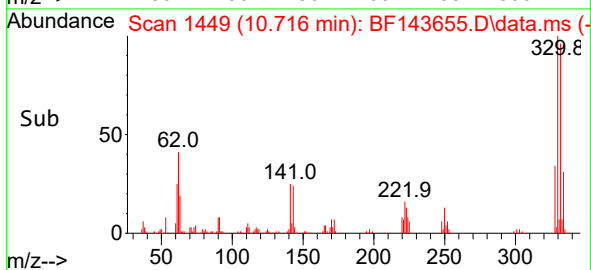
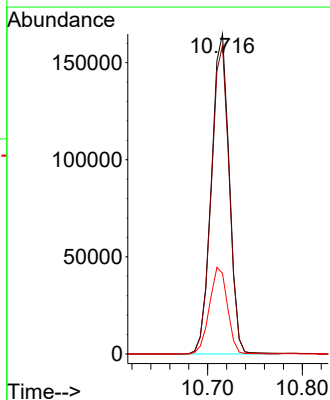
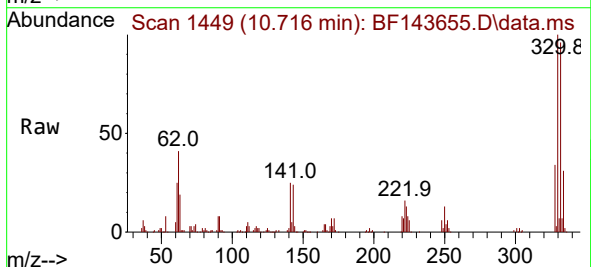
Manual Integrations
APPROVED

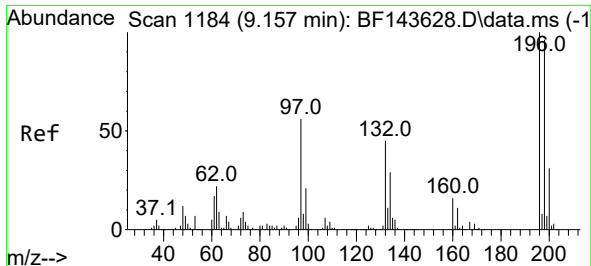
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#42
2,4,6-Tribromophenol
Concen: 150.908 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

Tgt Ion:330 Resp: 215994
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 27.2 23.5 35.3





#43

2,4,6-Trichlorophenol

Concen: 8.259 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF143655.D

Acq: 05 Sep 2025 12:21

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2025

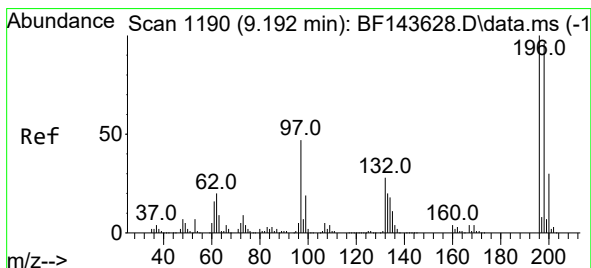
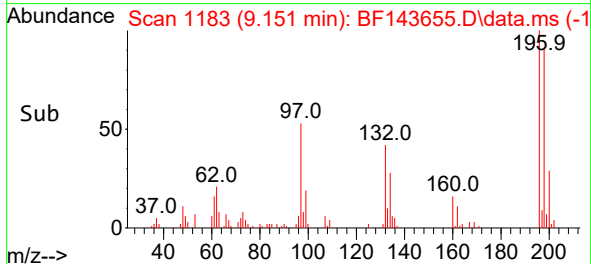
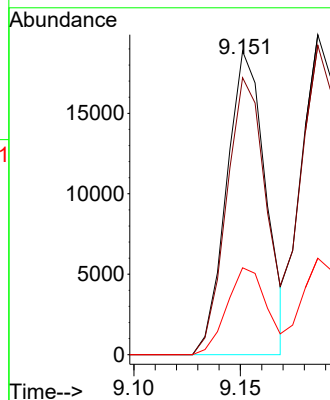
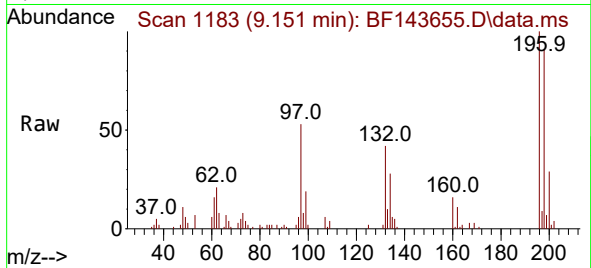
Tgt Ion:196	Resp:	24069	
Ion Ratio	Lower	Upper	
196	100		
198	91.3	77.1	115.7
200	28.6	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#44

2,4,5-Trichlorophenol

Concen: 8.374 ng

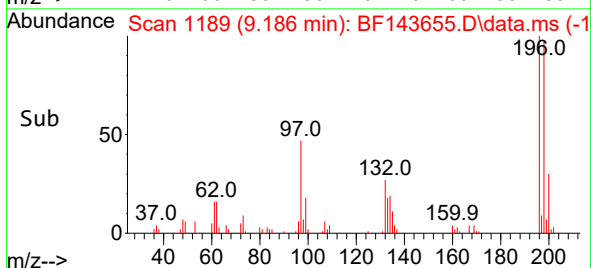
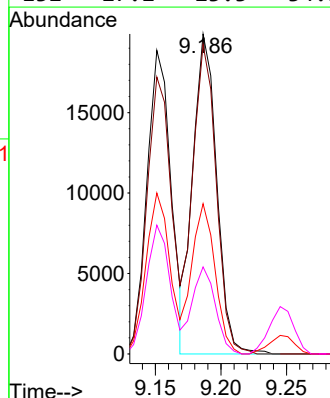
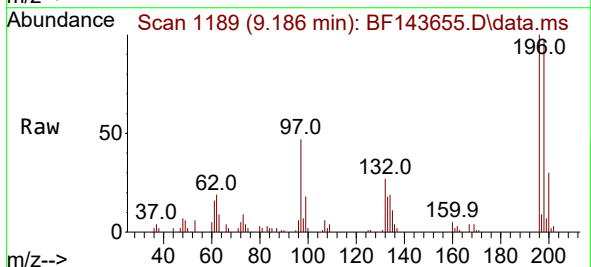
RT: 9.186 min Scan# 1189

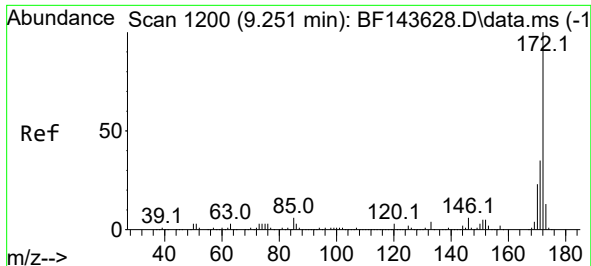
Delta R.T. -0.006 min

Lab File: BF143655.D

Acq: 05 Sep 2025 12:21

Tgt Ion:196	Resp:	25196	
Ion Ratio	Lower	Upper	
196	100		
198	96.7	76.6	115.0
97	46.9	38.2	57.2
132	27.2	23.3	34.9





#45

2-Fluorobiphenyl

Concen: 84.254 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143655.D

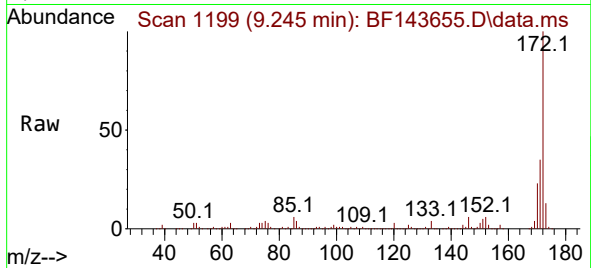
Acq: 05 Sep 2025 12:21

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2025



Tgt Ion:172 Resp: 90263

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

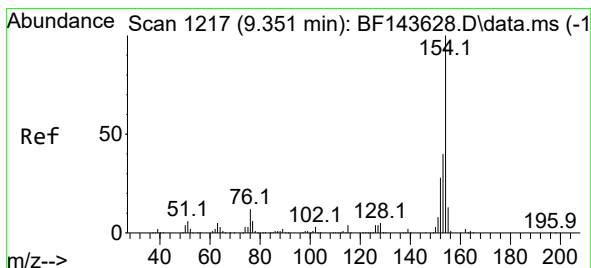
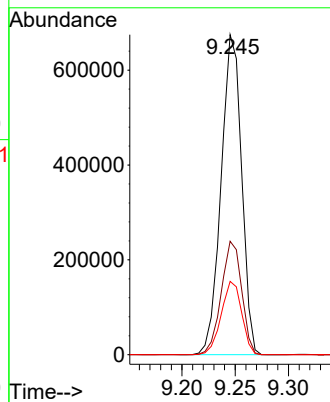
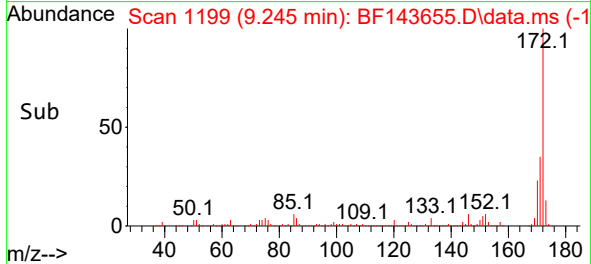
170 22.9 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#46

1,1'-Biphenyl

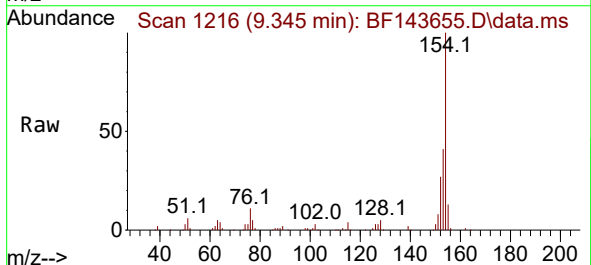
Concen: 8.009 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143655.D

Acq: 05 Sep 2025 12:21



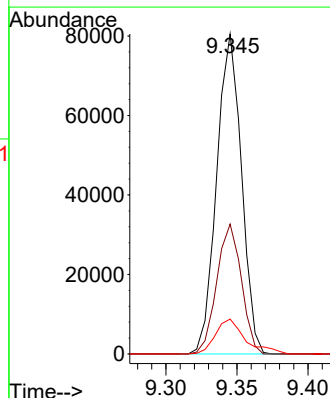
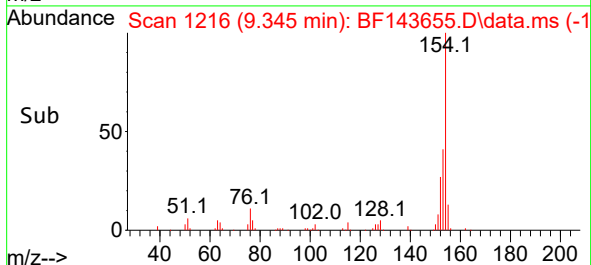
Tgt Ion:154 Resp: 97494

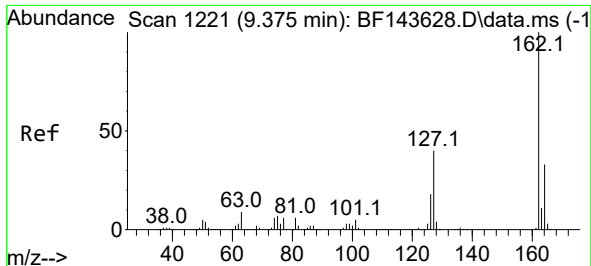
Ion Ratio Lower Upper

154 100

153 40.6 20.1 60.1

76 10.9 0.0 31.9





#47

2-Chloronaphthalene

Concen: 7.663 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143655.D

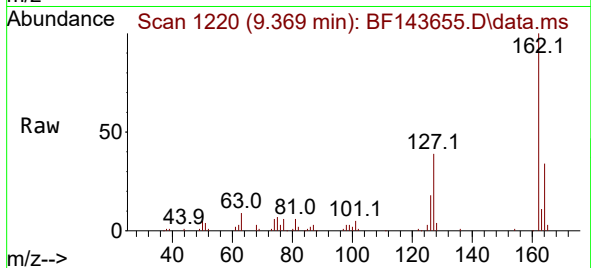
Acq: 05 Sep 2025 12:21

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2025



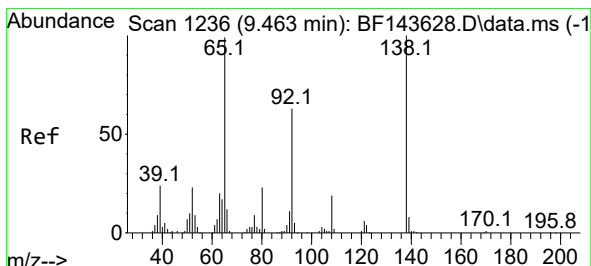
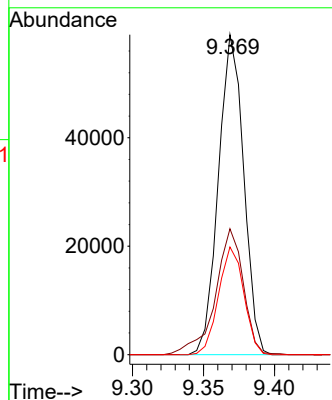
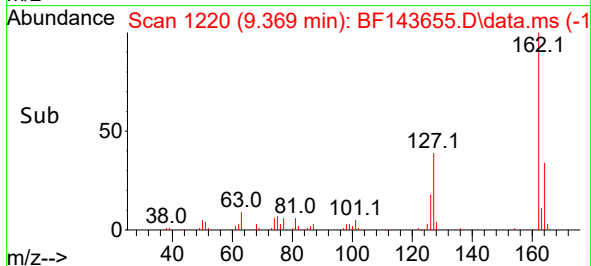
Tgt Ion:162	Resp:	73002
Ion Ratio	Lower	Upper
162	100	
127	39.4	31.9 47.9
164	33.6	26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#48

2-Nitroaniline

Concen: 10.156 ng

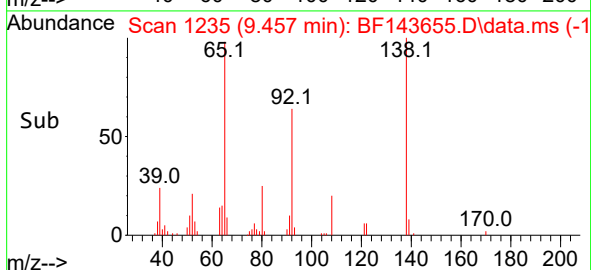
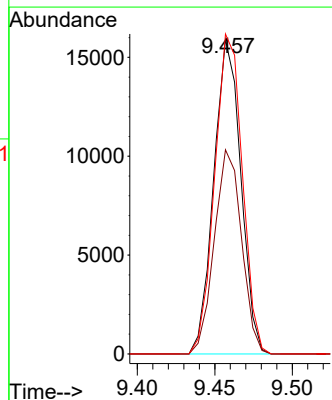
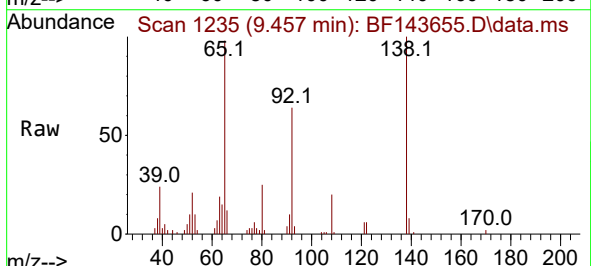
RT: 9.457 min Scan# 1235

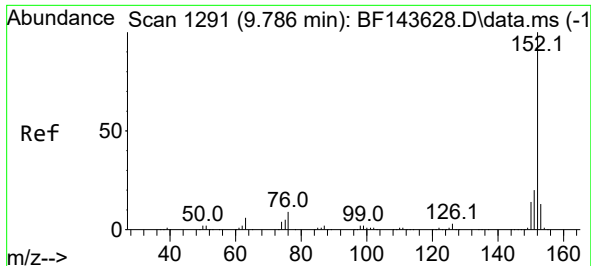
Delta R.T. -0.006 min

Lab File: BF143655.D

Acq: 05 Sep 2025 12:21

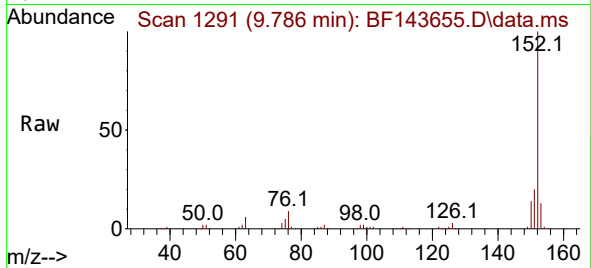
Tgt Ion: 65	Resp:	19317
Ion Ratio	Lower	Upper
65	100	
92	64.9	50.9 76.3
138	101.8	80.6 120.8





#49
Acenaphthylene
Concen: 8.687 ng
RT: 9.786 min Scan# 119260
Delta R.T. -0.000 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

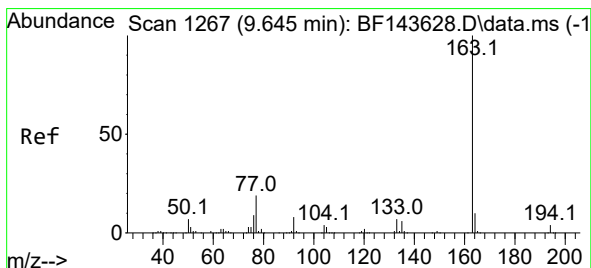
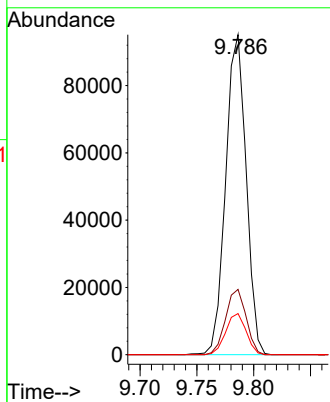
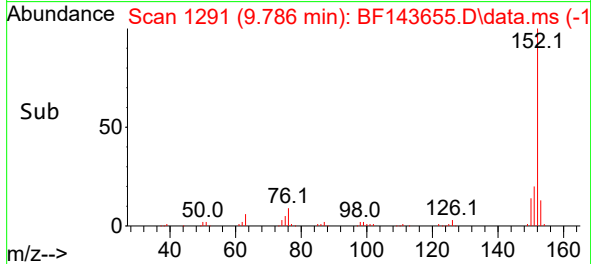
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



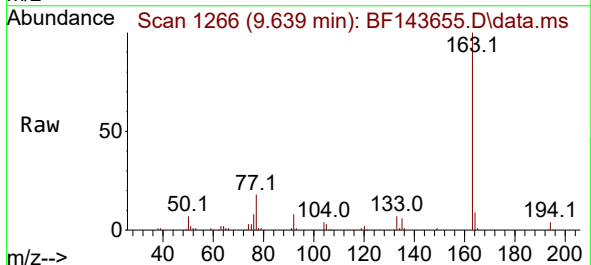
Tgt Ion:152 Resp: 119260
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 12.9 10.6 15.8

Manual Integrations
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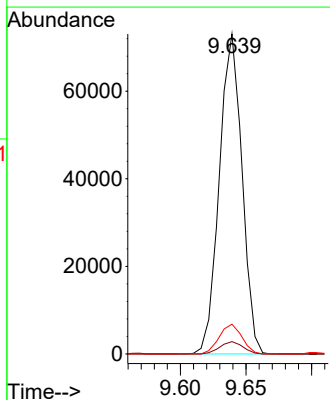
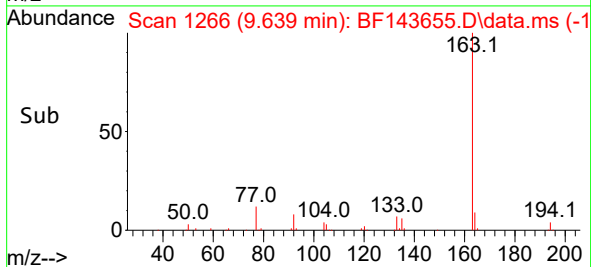
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

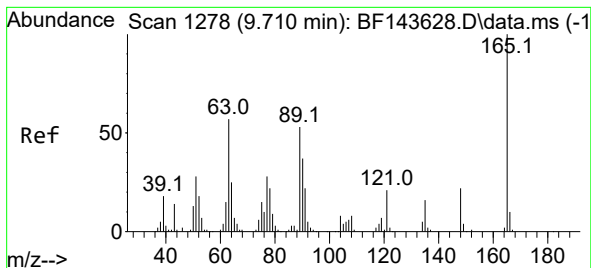


#50
Dimethylphthalate
Concen: 8.098 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21



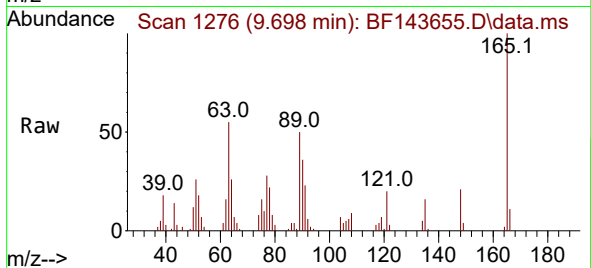
Tgt Ion:163 Resp: 87772
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 11.814 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

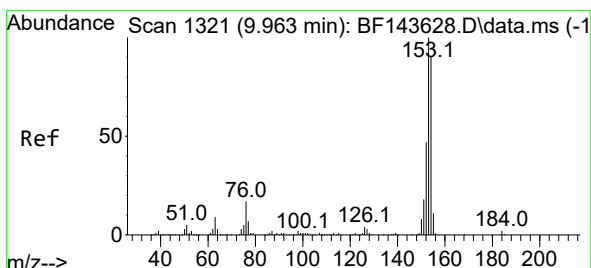
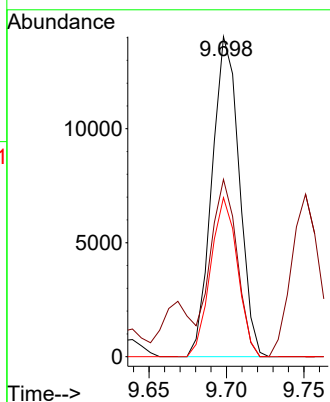
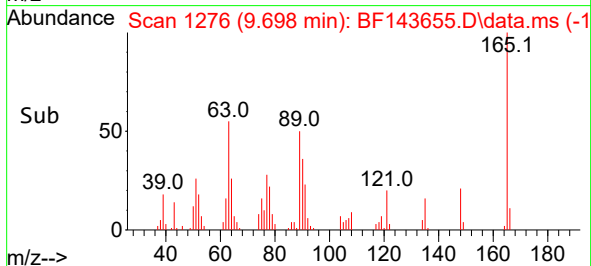
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



Tgt Ion:165 Resp: 1717
Ion Ratio Lower Upper
165 100
63 55.4 45.4 68.0
89 49.7 42.1 63.1

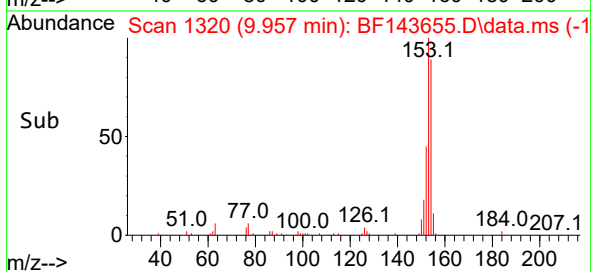
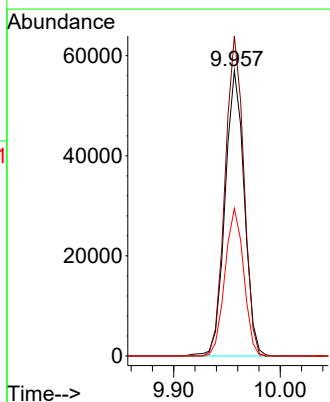
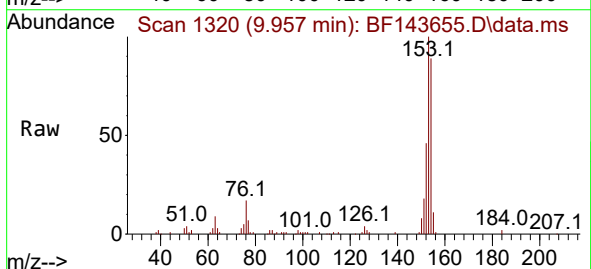
Manual Integrations
APPROVED

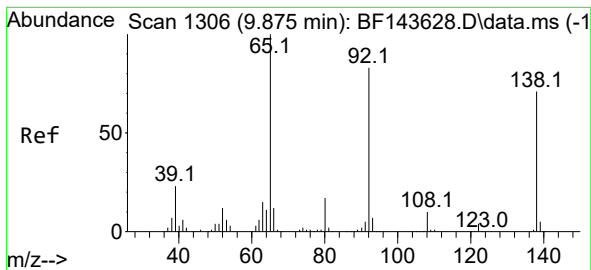
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#52
Acenaphthene
Concen: 7.763 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

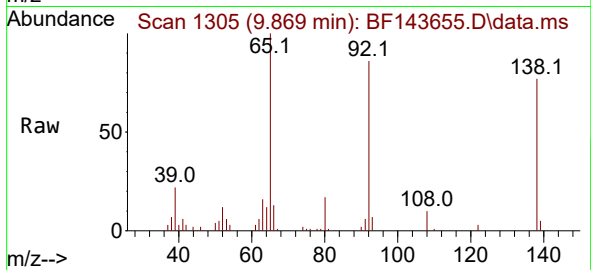
Tgt Ion:154 Resp: 71289
Ion Ratio Lower Upper
154 100
153 112.2 88.6 132.8
152 51.7 41.8 62.8





#53
3-Nitroaniline
Concen: 10.719 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

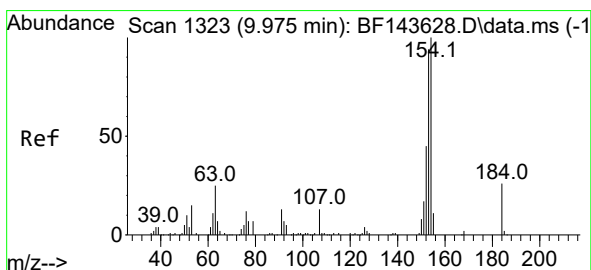
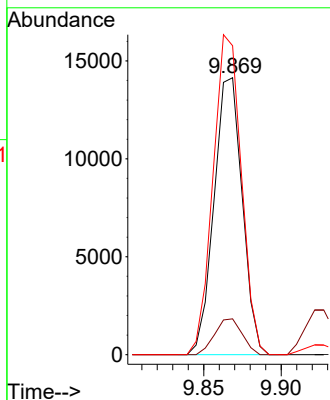
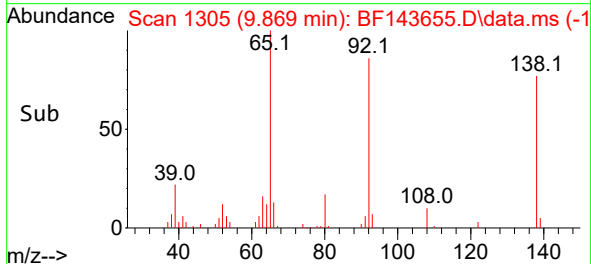
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



Tgt Ion:138 Resp: 1795
Ion Ratio Lower Upper
138 100
108 13.0 10.7 16.1
92 111.6 93.4 140.2

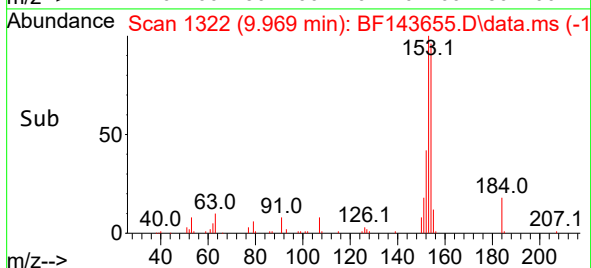
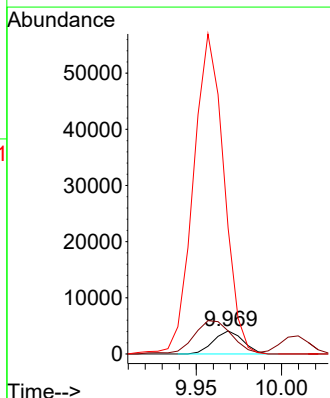
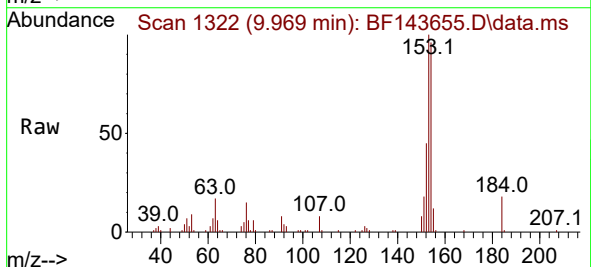
Manual Integrations
APPROVED

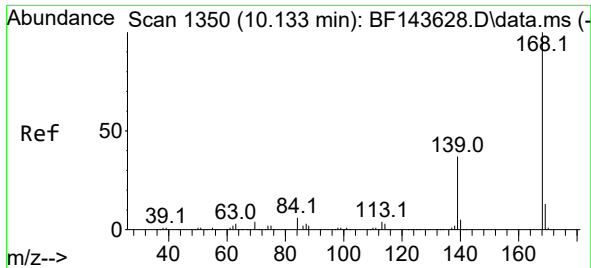
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#54
2,4-Dinitrophenol
Concen: 13.996 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

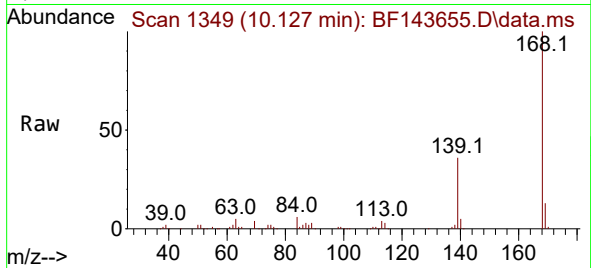
Tgt Ion:184 Resp: 4944
Ion Ratio Lower Upper
184 100
63 100.0 81.8 122.8
154 548.1 348.3 522.5#





#55
Dibenzenofuran
Concen: 7.997 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

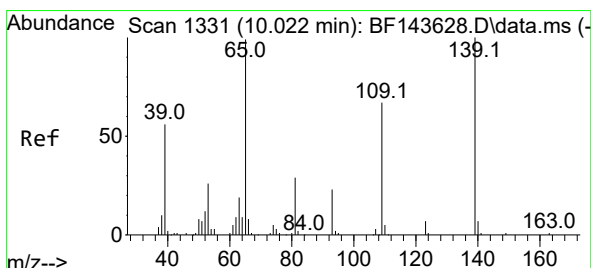
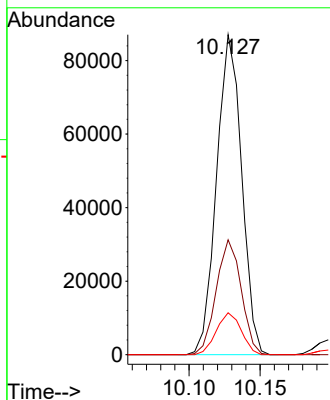
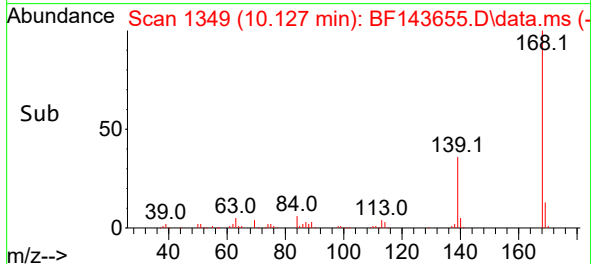
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



Tgt Ion:168 Resp: 10669
Ion Ratio Lower Upper
168 100
139 35.9 29.8 44.8
169 13.1 10.6 16.0

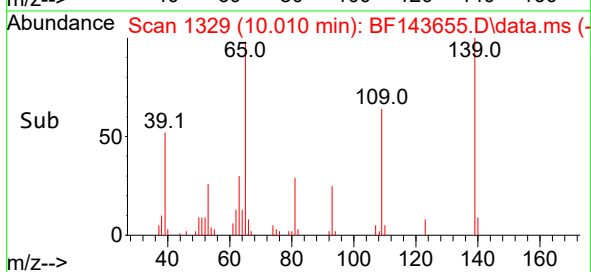
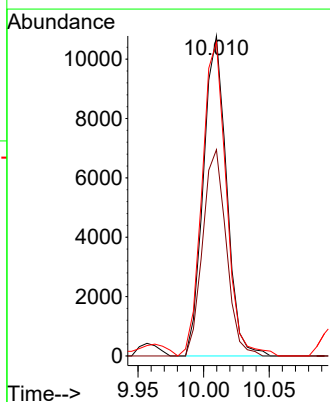
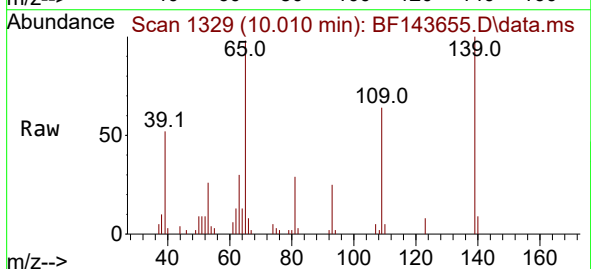
Manual Integrations
APPROVED

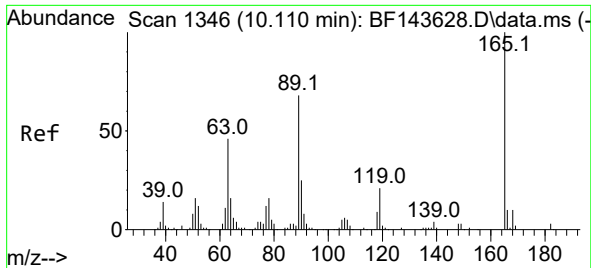
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#56
4-Nitrophenol
Concen: 8.258 ng
RT: 10.010 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

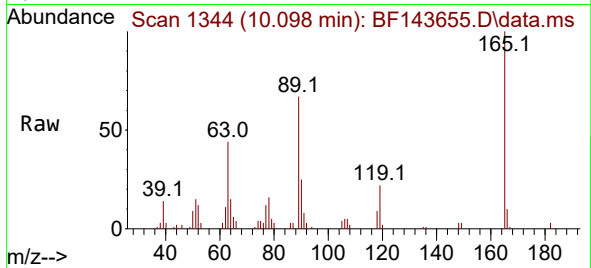
Tgt Ion:139 Resp: 13270
Ion Ratio Lower Upper
139 100
109 64.4 47.6 87.6
65 98.1 80.5 120.5





#57
2,4-Dinitrotoluene
Concen: 11.359 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

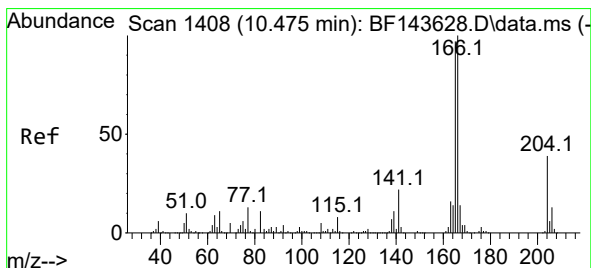
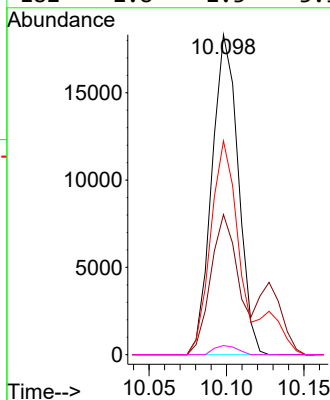
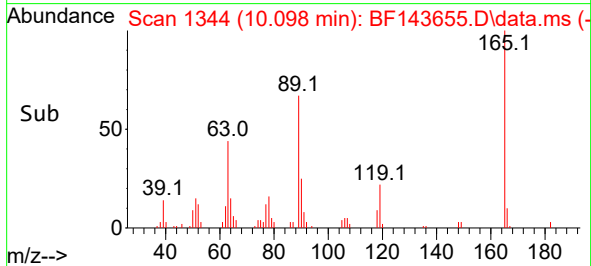
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



Tgt Ion:165 Resp: 21738
Ion Ratio Lower Upper
165 100
63 43.8 37.0 55.6
89 66.8 54.1 81.1
182 2.8 2.3 3.5

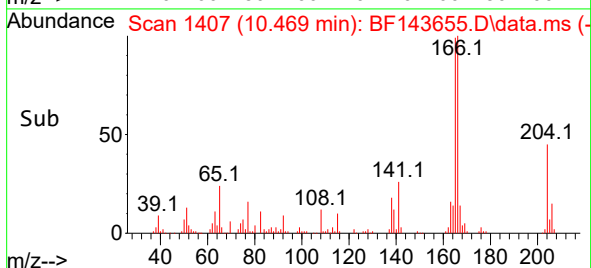
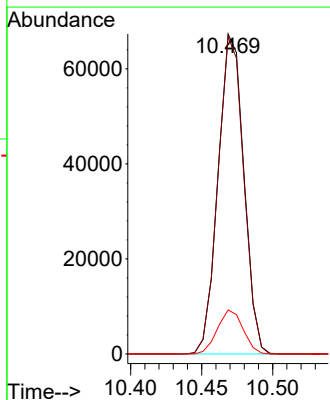
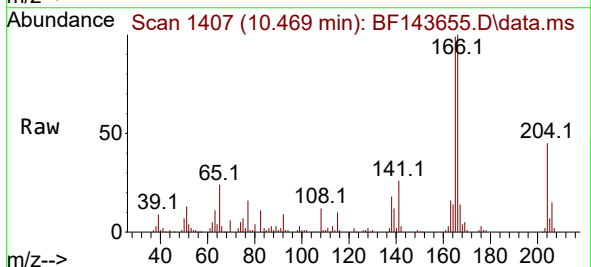
Manual Integrations
APPROVED

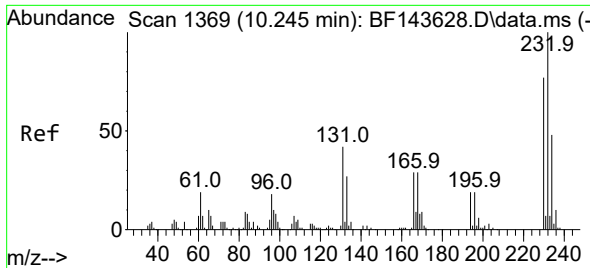
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#58
Fluorene
Concen: 8.221 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

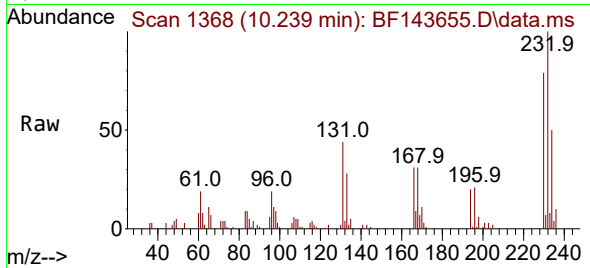
Tgt Ion:166 Resp: 84839
Ion Ratio Lower Upper
166 100
165 99.1 77.6 116.4
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.994 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

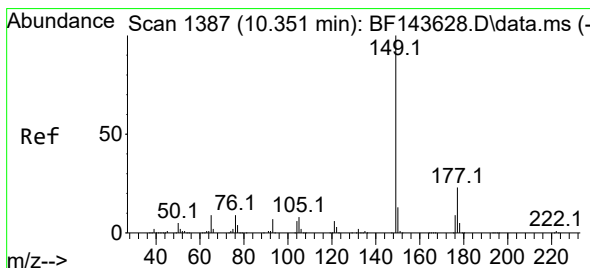
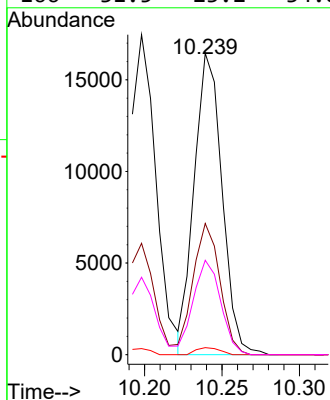
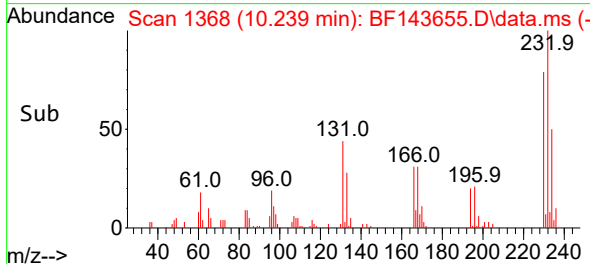
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



Tgt Ion:232 Resp: 2055
Ion Ratio Lower Upper
232 100
131 42.7 33.7 50.5
130 2.0 1.5 2.3
166 31.5 23.2 34.8

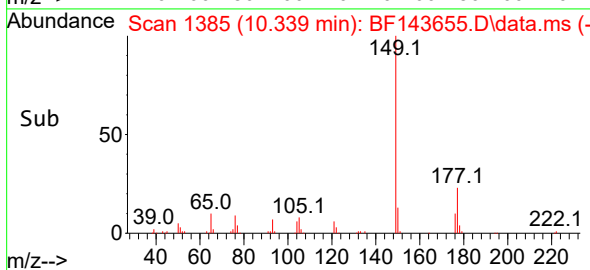
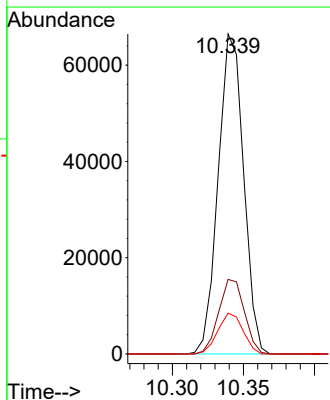
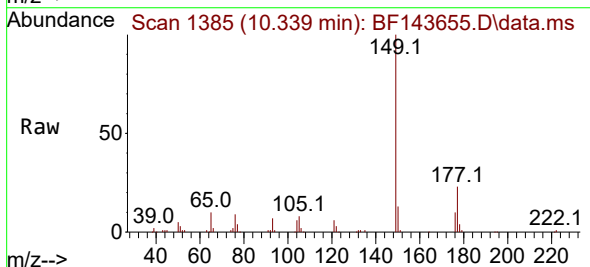
Manual Integrations
APPROVED

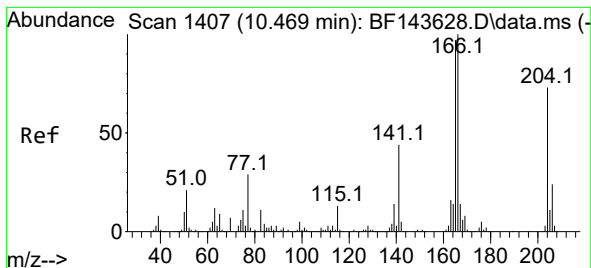
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#60
Diethylphthalate
Concen: 8.032 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

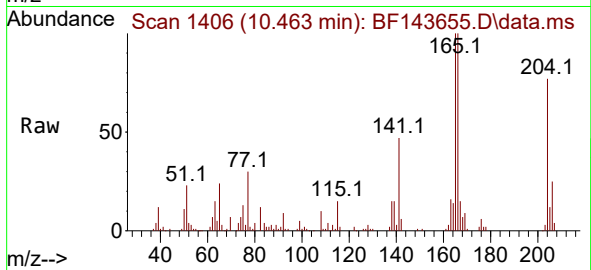
Tgt Ion:149 Resp: 82646
Ion Ratio Lower Upper
149 100
177 23.3 18.6 28.0
150 12.7 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 8.052 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

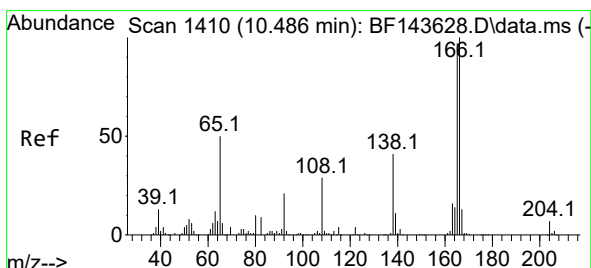
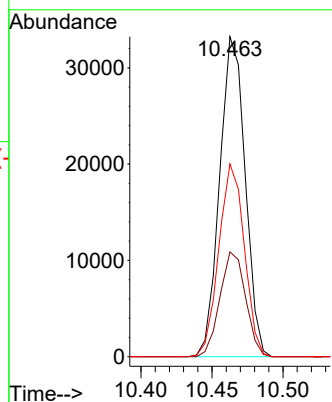
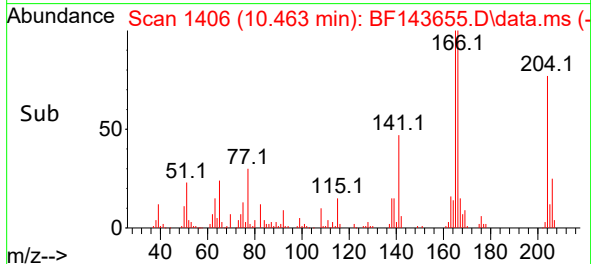
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



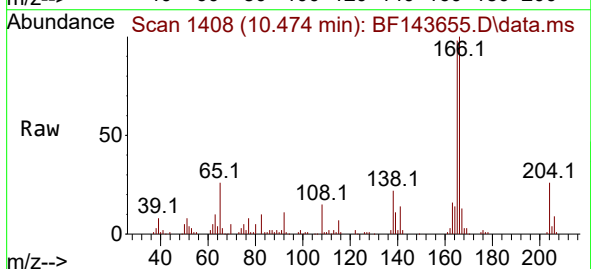
Tgt Ion:204 Resp: 4146
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 60.2 47.8 71.6

Manual Integrations
APPROVED

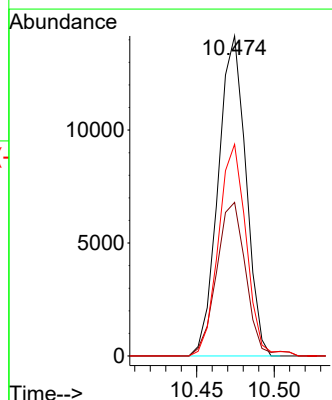
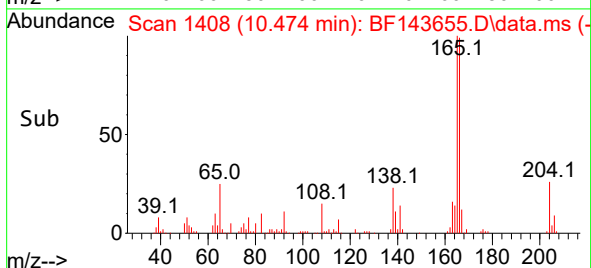
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

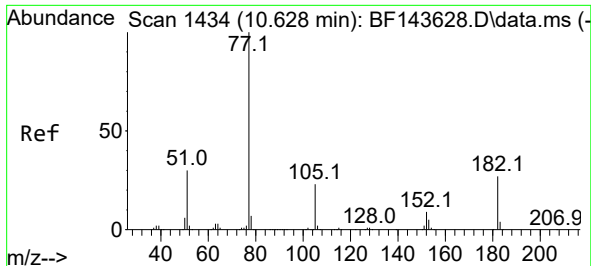


#62
4-Nitroaniline
Concen: 10.591 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21



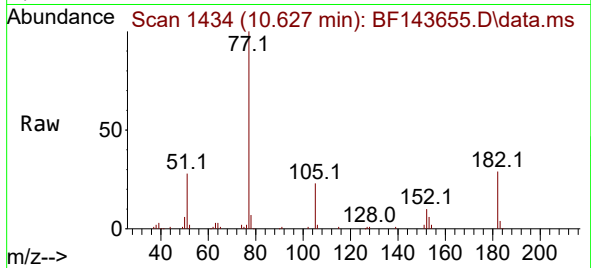
Tgt Ion:138 Resp: 17594
Ion Ratio Lower Upper
138 100
92 48.0 30.5 70.5
108 66.1 49.1 89.1





#63
Azobenzene
Concen: 7.665 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

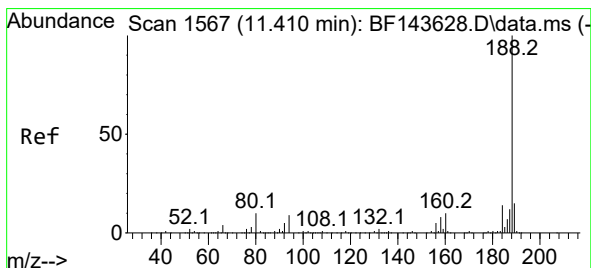
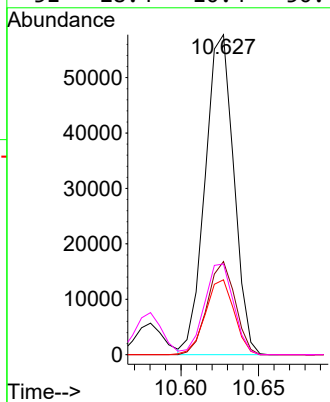
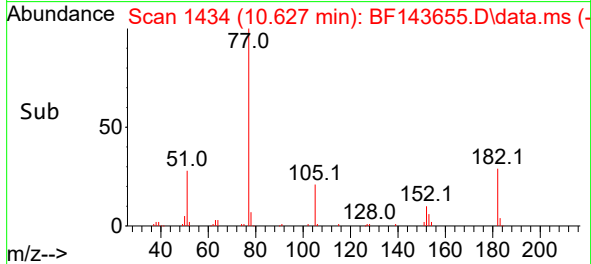
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.1	6.8	46.8
105	23.4	2.8	42.8
51	28.4	10.4	50.4

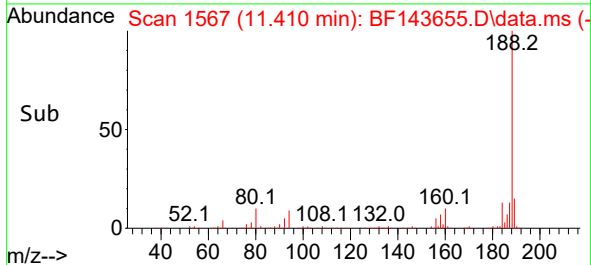
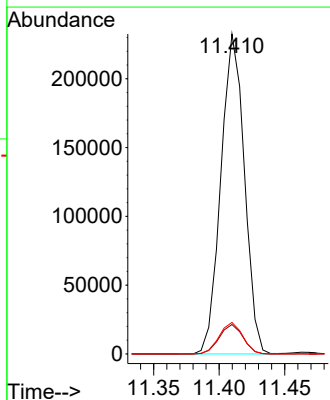
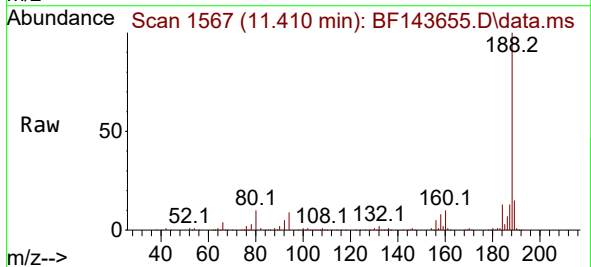
Manual Integrations
APPROVED

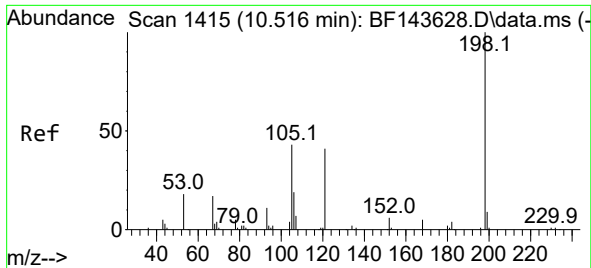
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.5	11.3
80	9.8	8.4	12.6





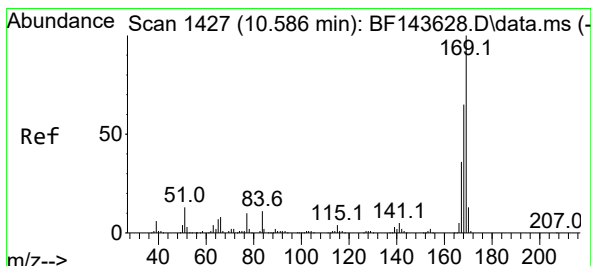
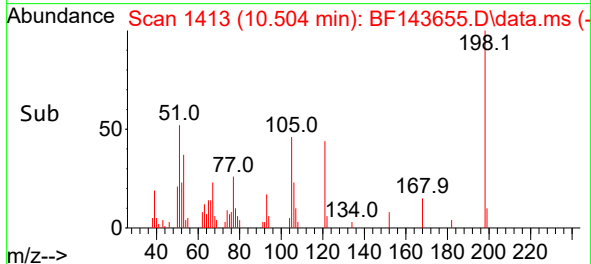
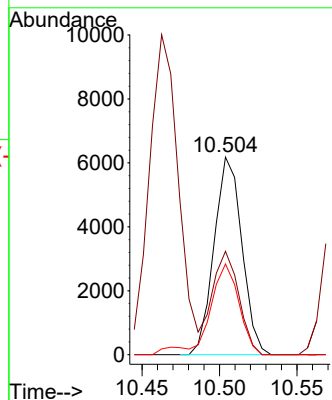
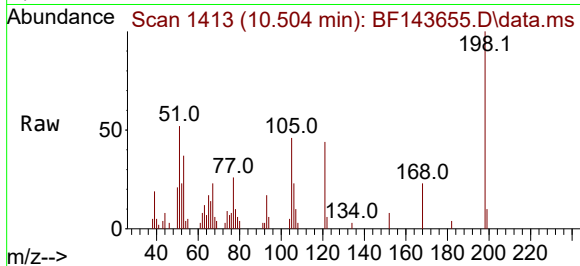
#65
4,6-Dinitro-2-methylphenol
Concen: 13.695 ng
RT: 10.504 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025

Tgt Ion:198 Resp: 770
Ion Ratio Lower Upper
198 100
51 52.3 30.7 70.7
105 45.9 26.0 66.0

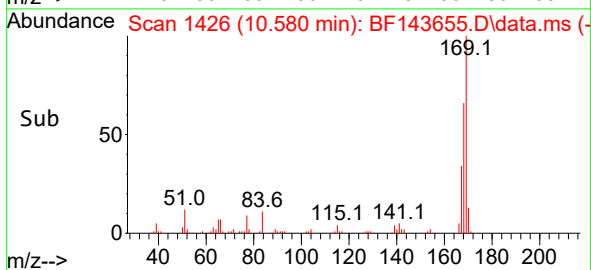
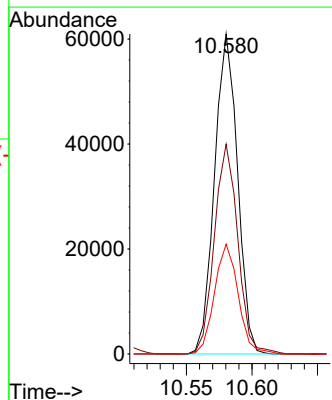
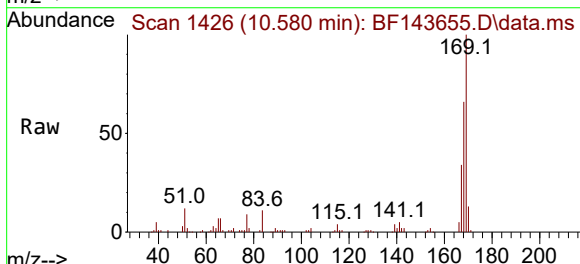
Manual Integrations
APPROVED

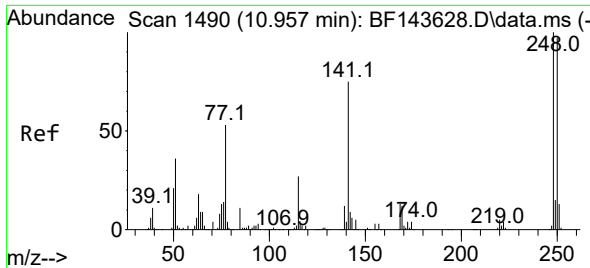
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#66
n-Nitrosodiphenylamine
Concen: 7.953 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

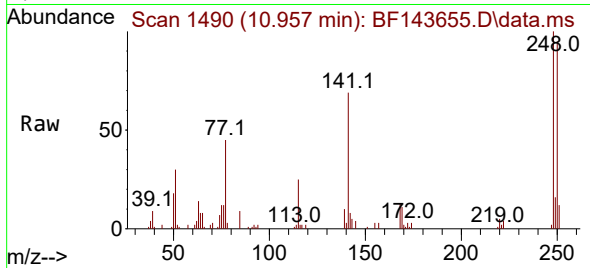
Tgt Ion:169 Resp: 74349
Ion Ratio Lower Upper
169 100
168 65.5 52.2 78.4
167 34.3 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 7.763 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

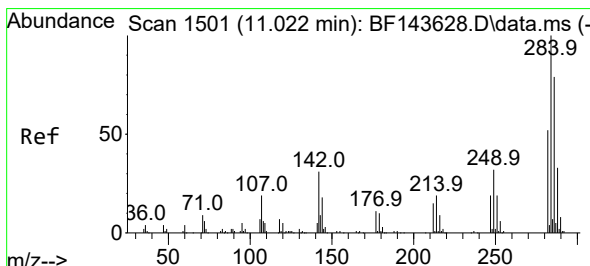
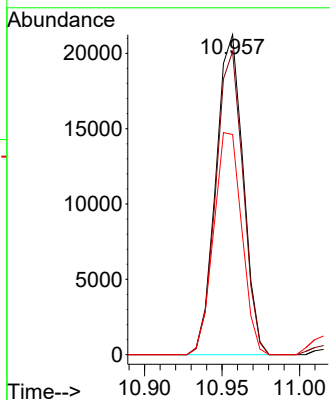
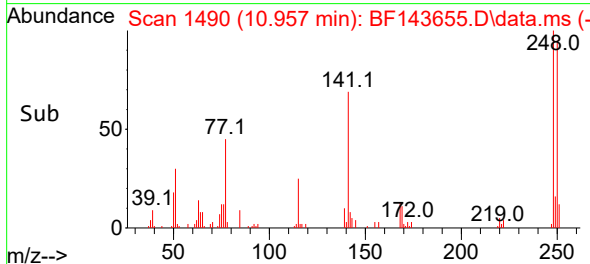
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



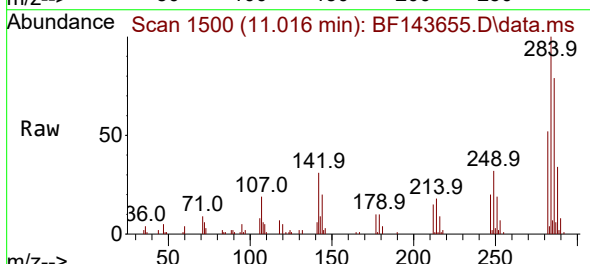
Tgt Ion:248 Resp: 26070
Ion Ratio Lower Upper
248 100
250 94.8 77.6 116.4
141 68.8 60.1 90.1

Manual Integrations
APPROVED

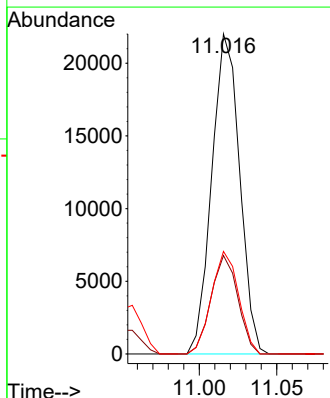
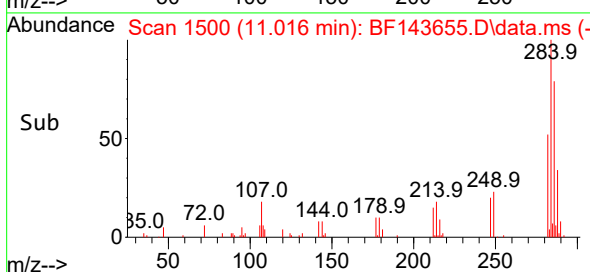
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

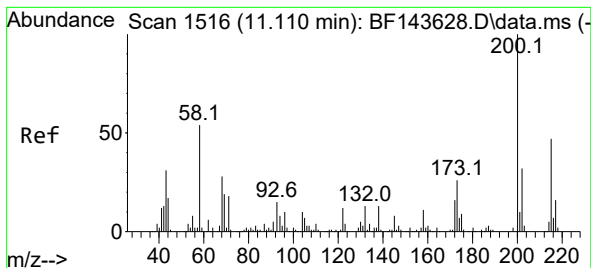


#68
Hexachlorobenzene
Concen: 7.792 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21



Tgt Ion:284 Resp: 27495
Ion Ratio Lower Upper
284 100
142 30.7 24.7 37.1
249 32.0 25.4 38.2





#69

Atrazine

Concen: 8.480 ng

RT: 11.104 min Scan# 1516

Delta R.T. -0.006 min

Lab File: BF143655.D

Acq: 05 Sep 2025 12:21

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2025

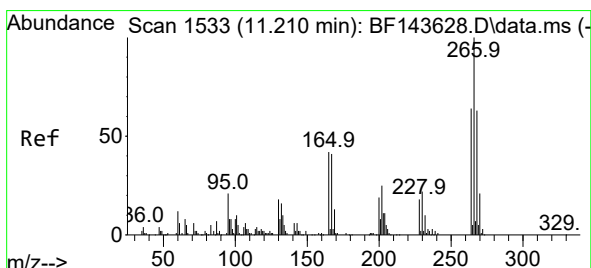
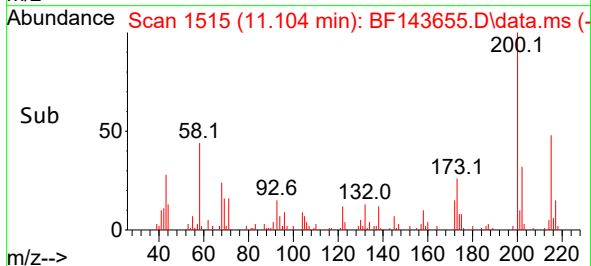
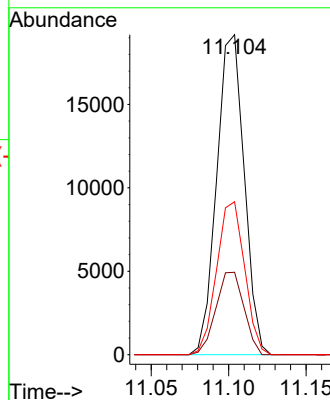
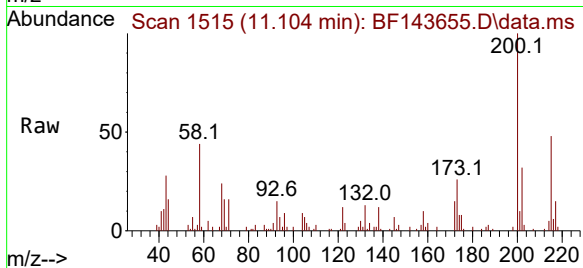
Tgt Ion:200 Resp: 23700
 Ion Ratio Lower Upper
 200 100
 173 25.8 6.4 46.4
 215 47.8 26.9 66.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#70

Pentachlorophenol

Concen: 7.736 ng

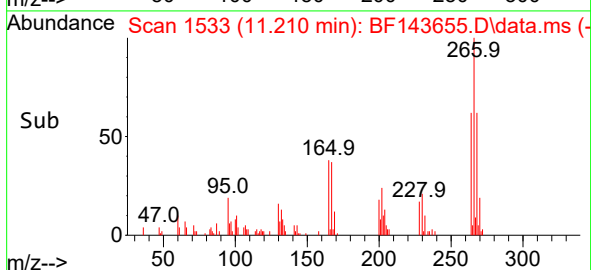
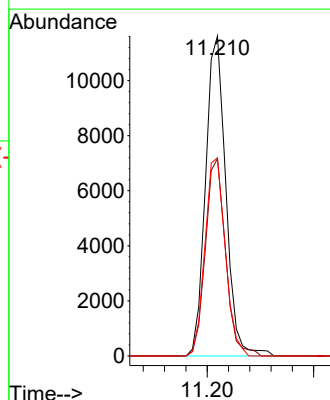
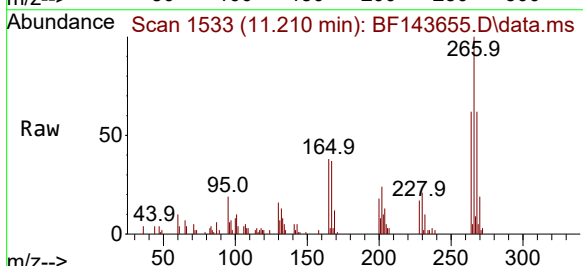
RT: 11.210 min Scan# 1533

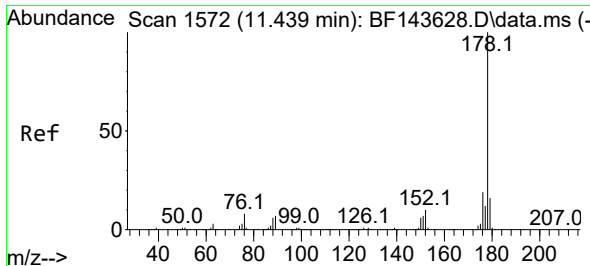
Delta R.T. -0.000 min

Lab File: BF143655.D

Acq: 05 Sep 2025 12:21

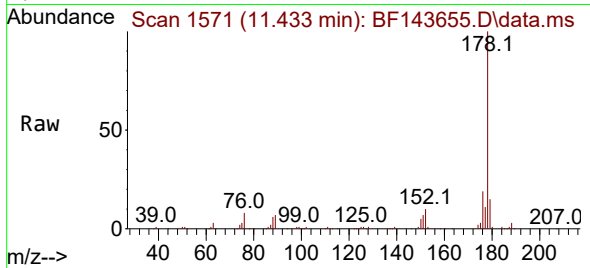
Tgt Ion:266 Resp: 15334
 Ion Ratio Lower Upper
 266 100
 268 61.7 50.6 76.0
 264 61.9 51.2 76.8





#71
Phenanthrene
Concen: 7.953 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

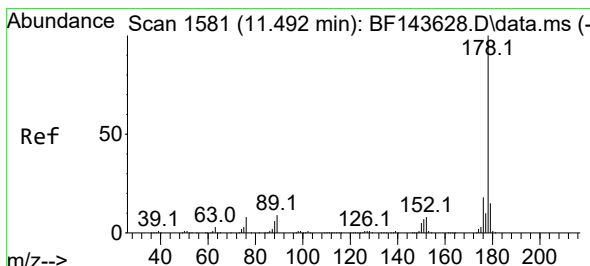
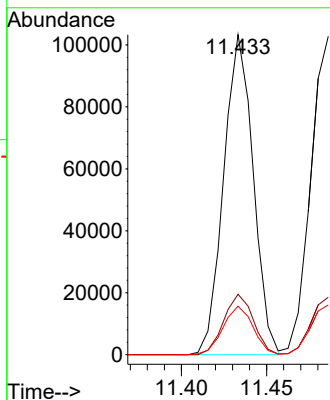
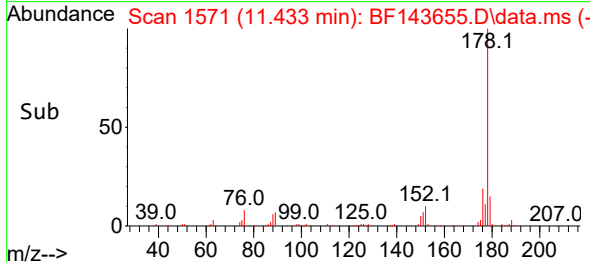
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



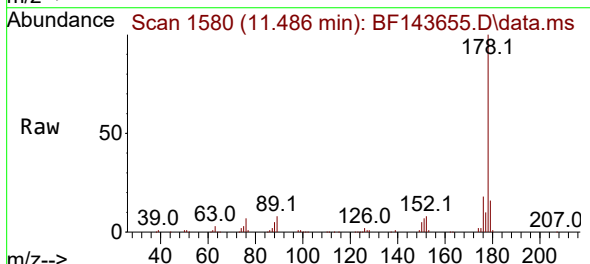
Tgt Ion:178 Resp: 12455
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.1 12.4 18.6

Manual Integrations
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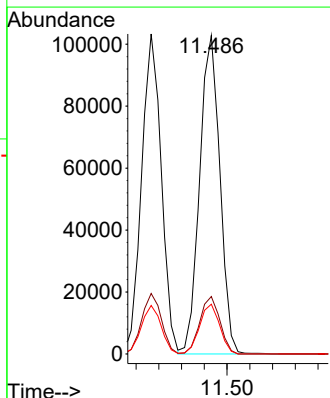
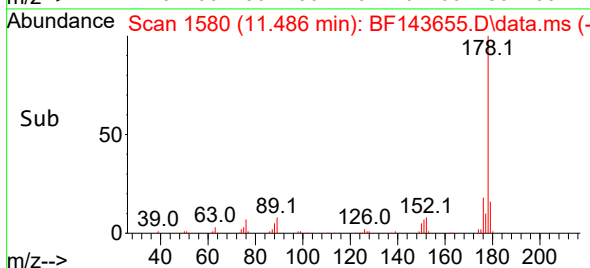
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

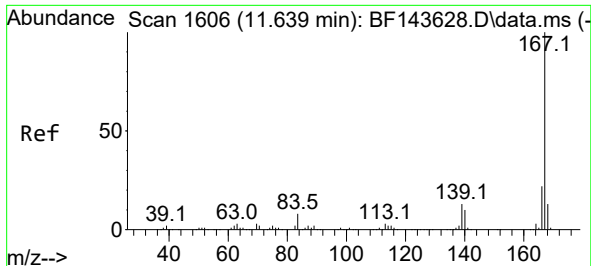


#72
Anthracene
Concen: 8.116 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21



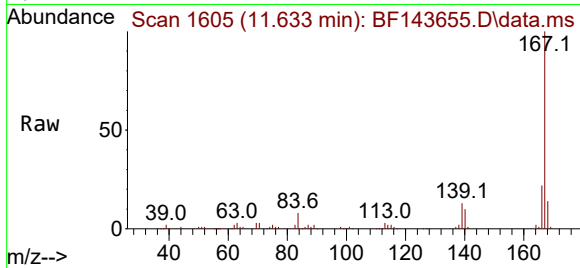
Tgt Ion:178 Resp: 127478
Ion Ratio Lower Upper
178 100
176 18.0 14.6 22.0
179 15.6 12.3 18.5





#73
 Carbazole
 Concen: 8.061 ng
 RT: 11.633 min Scan# 1605
 Delta R.T. -0.006 min
 Lab File: BF143655.D
 Acq: 05 Sep 2025 12:21

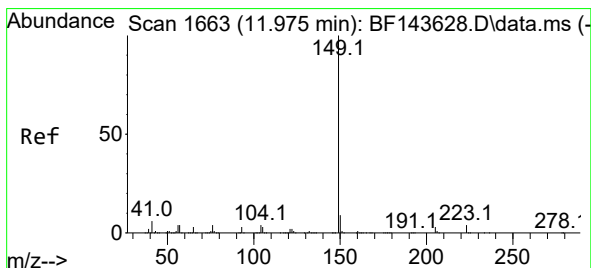
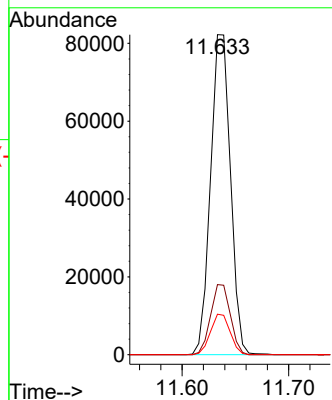
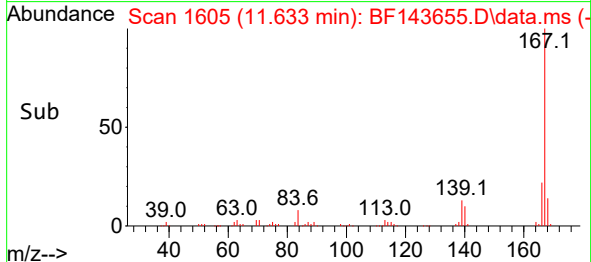
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT3-2025



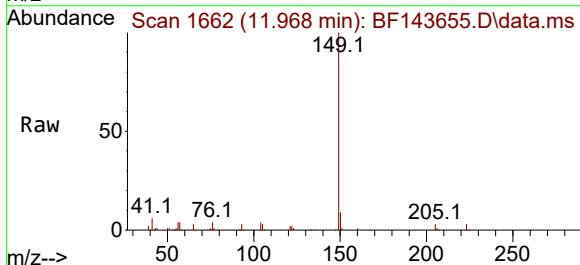
Tgt Ion:167 Resp: 106728
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 12.6 10.3 15.5

Manual Integrations
 APPROVED

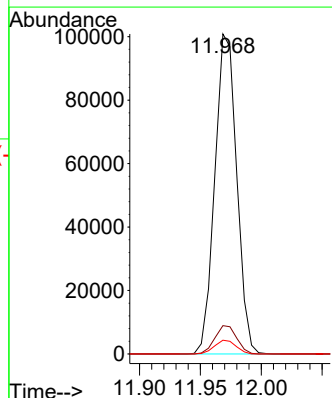
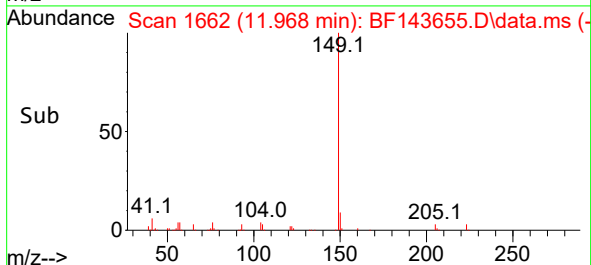
Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025

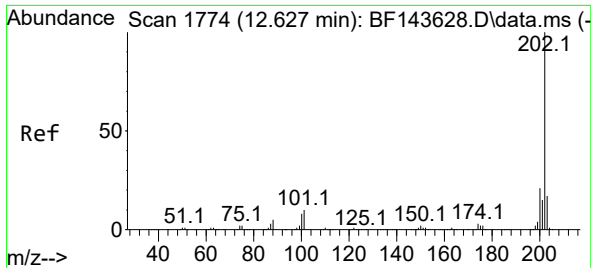


#74
 Di-n-butylphthalate
 Concen: 8.498 ng
 RT: 11.968 min Scan# 1662
 Delta R.T. -0.006 min
 Lab File: BF143655.D
 Acq: 05 Sep 2025 12:21



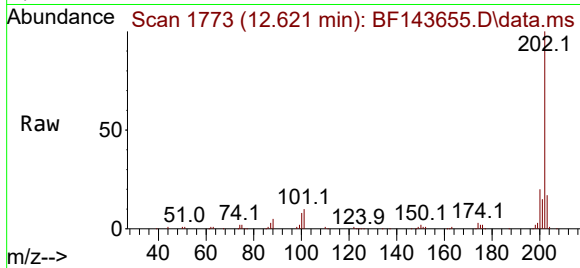
Tgt Ion:149 Resp: 126324
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 4.3 3.5 5.3





#75
Fluoranthene
Concen: 8.558 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

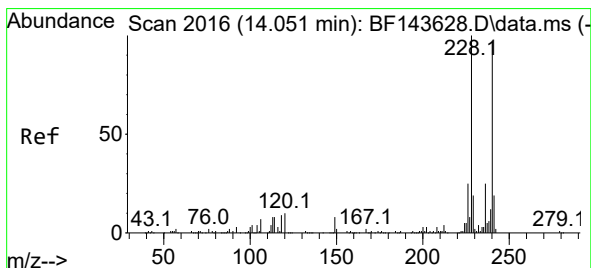
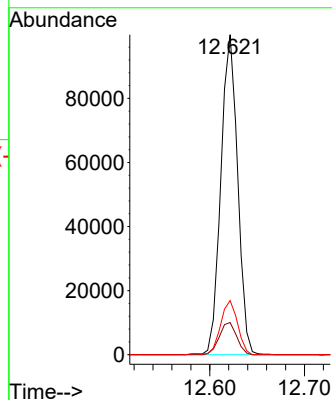
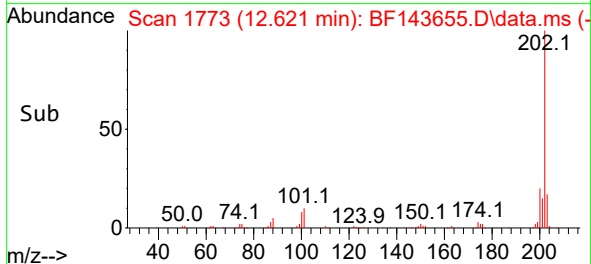
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



Tgt Ion:202 Resp: 123090
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.3
203 16.9 0.0 37.3

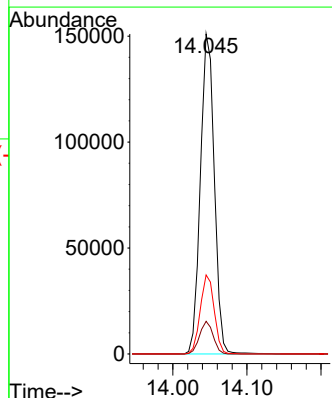
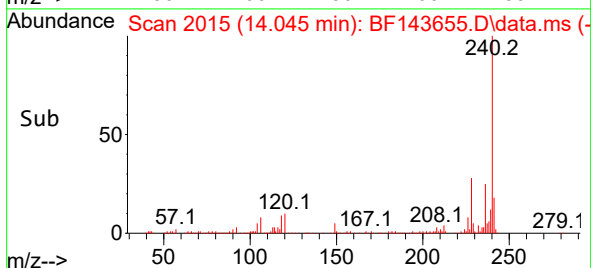
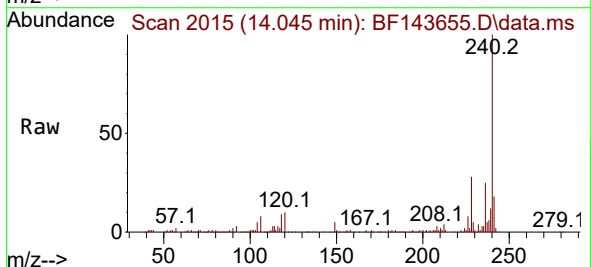
Manual Integrations
APPROVED

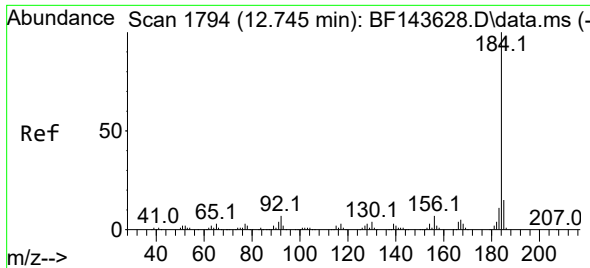
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

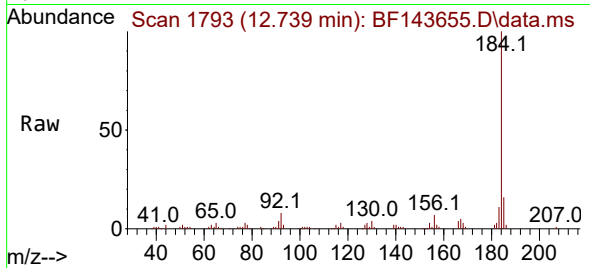
Tgt Ion:240 Resp: 197228
Ion Ratio Lower Upper
240 100
120 10.2 8.0 12.0
236 24.7 20.5 30.7





#77
Benzidine
Concen: 11.893 ng
RT: 12.739 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

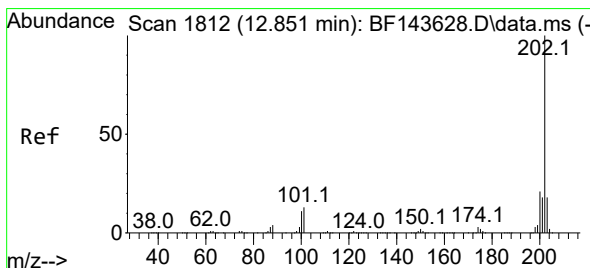
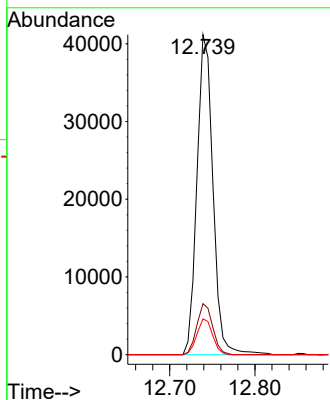
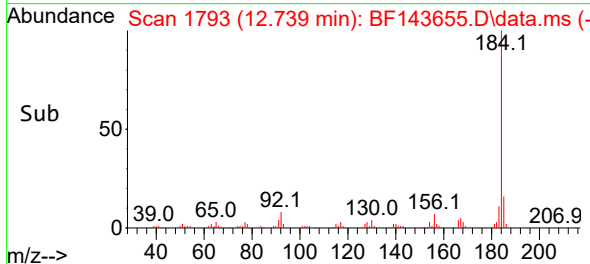
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



Tgt Ion:184 Resp: 53664
Ion Ratio Lower Upper
184 100
185 15.9 11.8 17.6
183 11.2 9.0 13.6

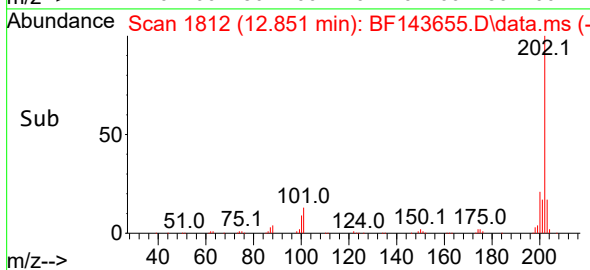
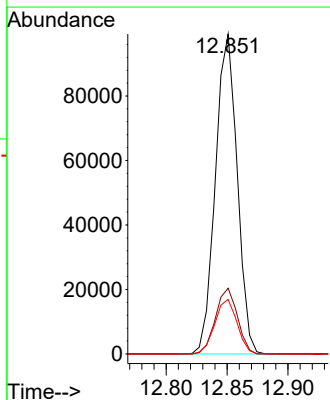
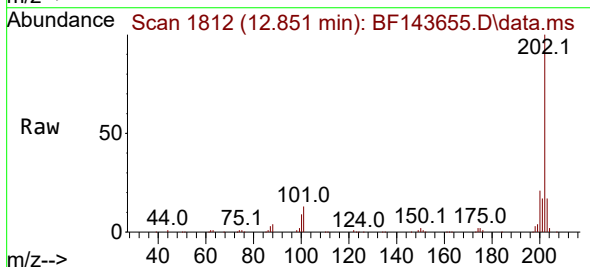
Manual Integrations
APPROVED

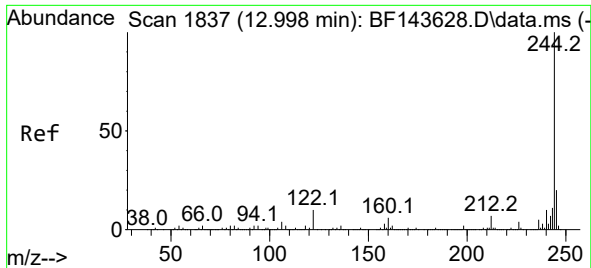
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#78
Pyrene
Concen: 7.583 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

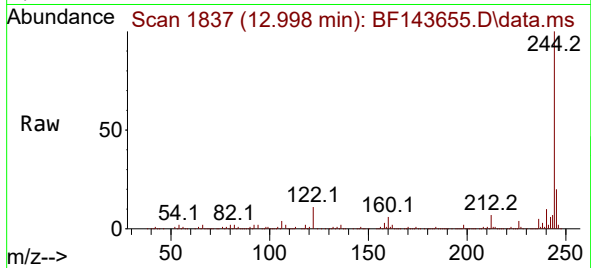
Tgt Ion:202 Resp: 123410
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 17.0 14.0 21.0





#79
 Terphenyl-d14
 Concen: 87.974 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143655.D
 Acq: 05 Sep 2025 12:21

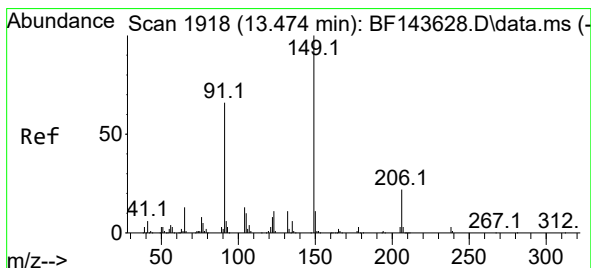
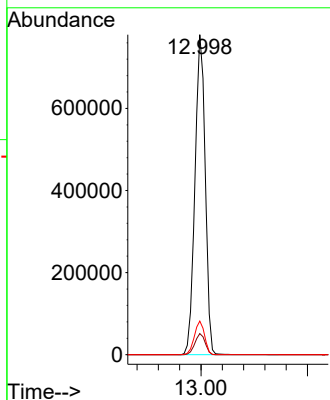
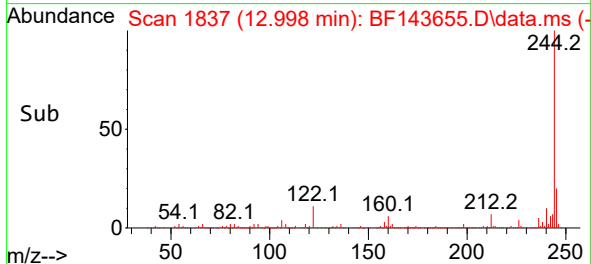
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2025



Tgt Ion:244 Resp: 1041338
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 10.5 8.3 12.5

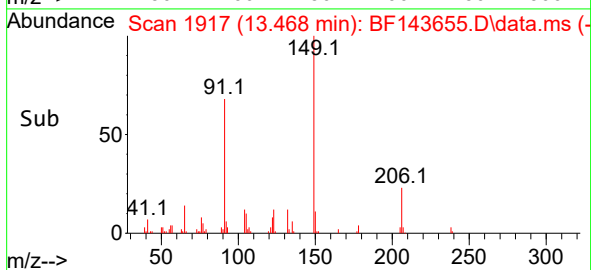
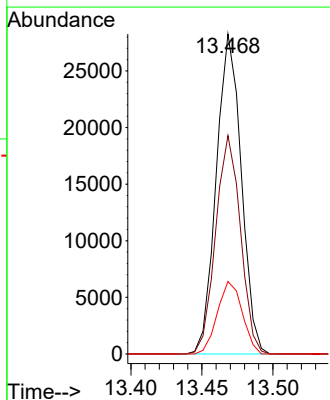
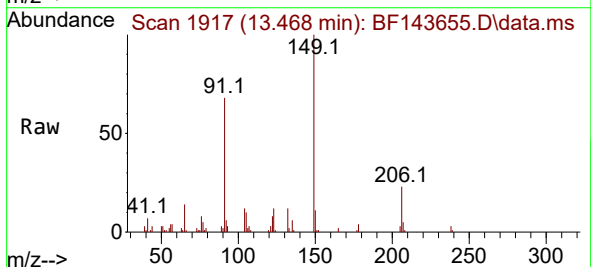
Manual Integrations
 APPROVED

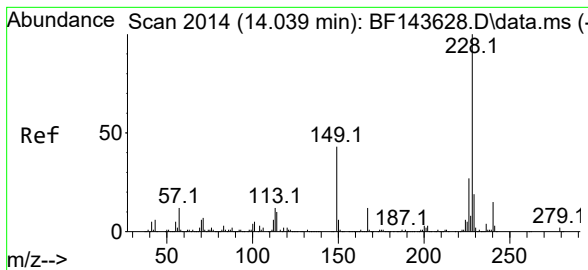
Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025



#80
 Butylbenzylphthalate
 Concen: 9.502 ng
 RT: 13.468 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF143655.D
 Acq: 05 Sep 2025 12:21

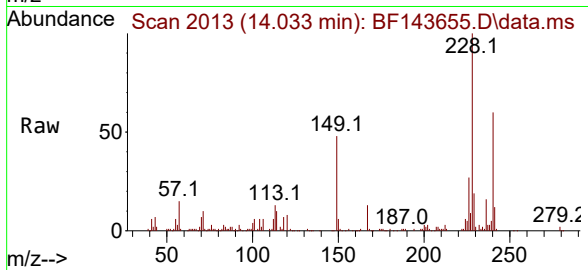
Tgt Ion:149 Resp: 34537
 Ion Ratio Lower Upper
 149 100
 91 68.3 53.0 79.4
 206 22.7 17.4 26.2





#81
Benzo(a)anthracene
Concen: 7.855 ng
RT: 14.033 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

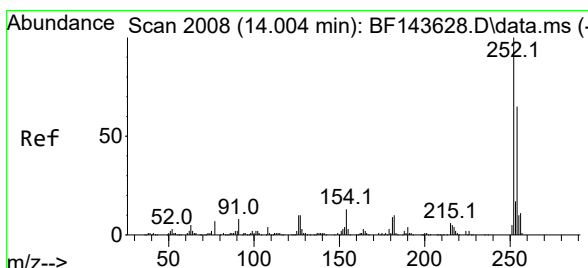
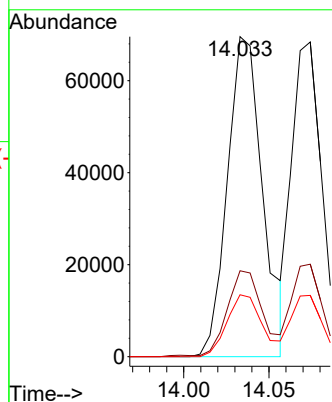
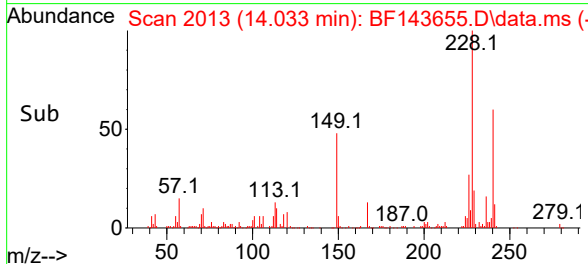
Instrument : BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



Tgt Ion:228 Resp: 100340
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.2
229 19.4 15.5 23.3

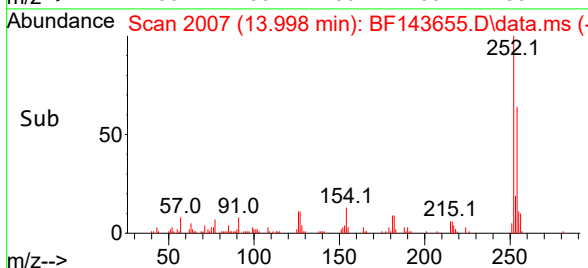
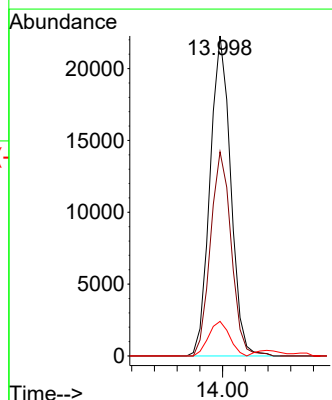
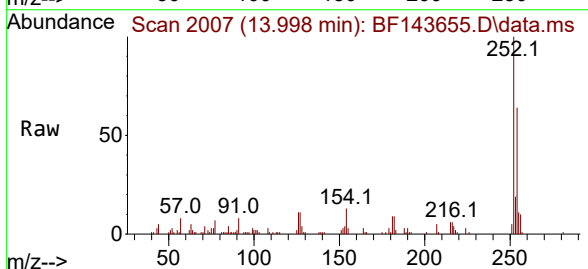
Manual Integrations
APPROVED

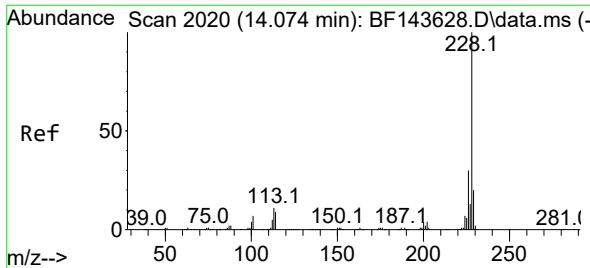
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 8.082 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

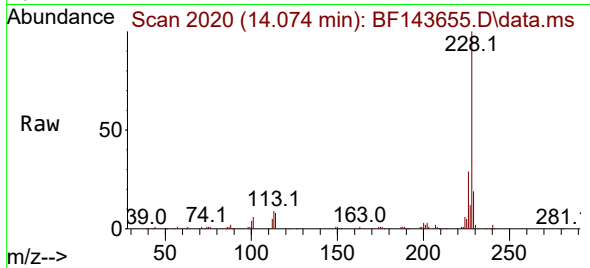
Tgt Ion:252 Resp: 28145
Ion Ratio Lower Upper
252 100
254 63.8 52.2 78.2
126 10.8 8.1 12.1





#83
Chrysene
Concen: 7.345 ng
RT: 14.074 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

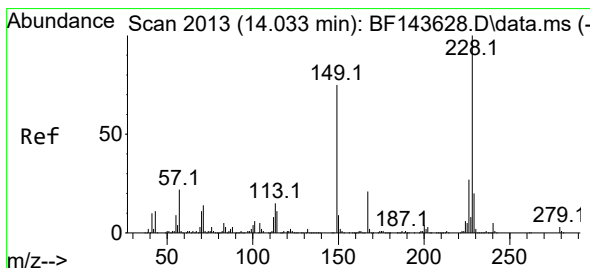
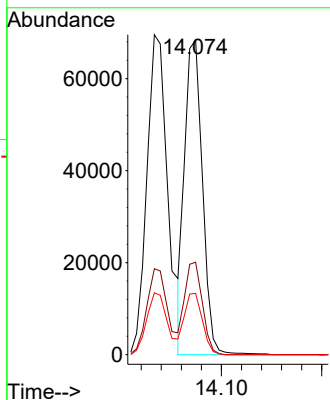
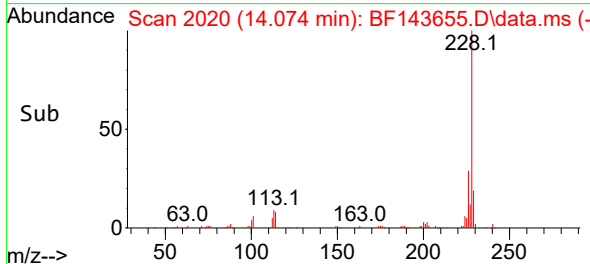
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



Tgt Ion:228 Resp: 84349
Ion Ratio Lower Upper
228 100
226 29.4 23.8 35.6
229 19.5 15.8 23.6

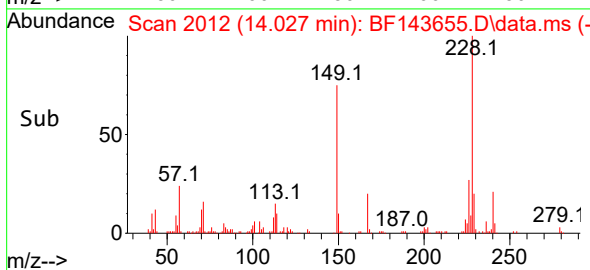
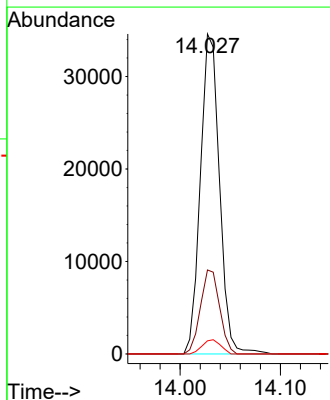
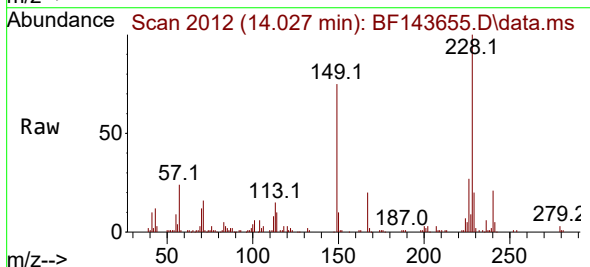
Manual Integrations
APPROVED

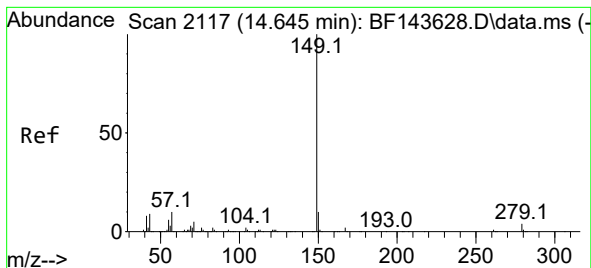
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.831 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

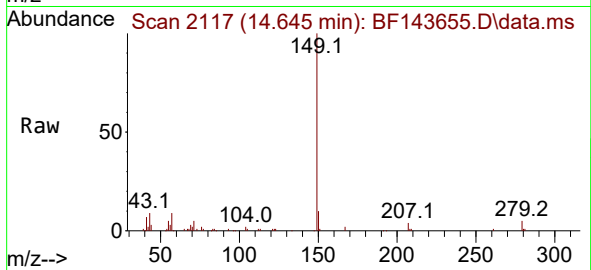
Tgt Ion:149 Resp: 45968
Ion Ratio Lower Upper
149 100
167 26.3 22.1 33.1
279 4.1 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 5.694 ng
RT: 14.645 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

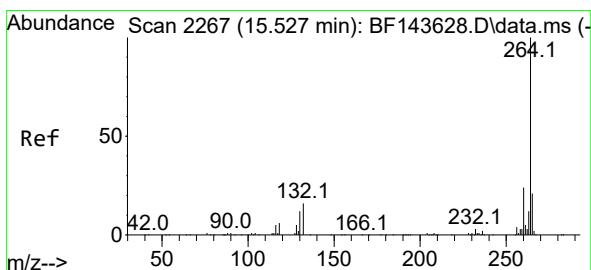
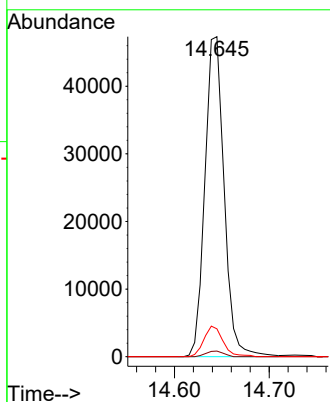
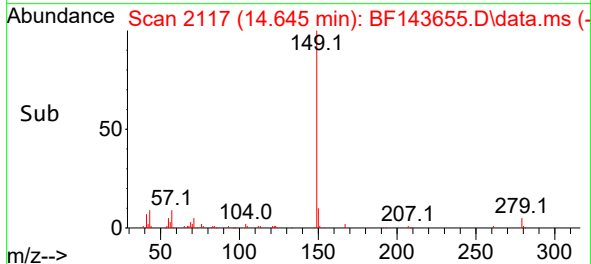
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



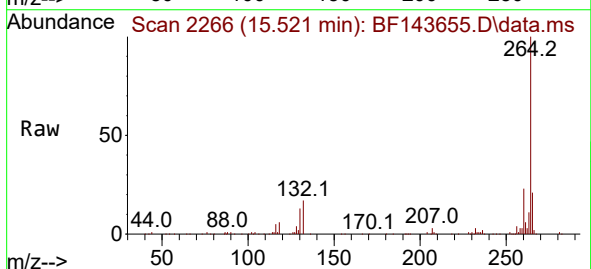
Tgt Ion:149 Resp: 66634
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.5 7.8 11.8

Manual Integrations
APPROVED

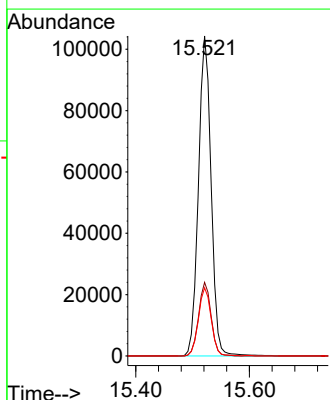
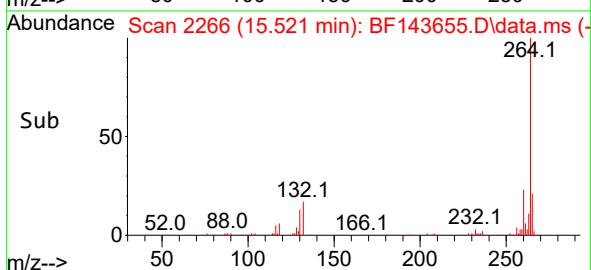
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

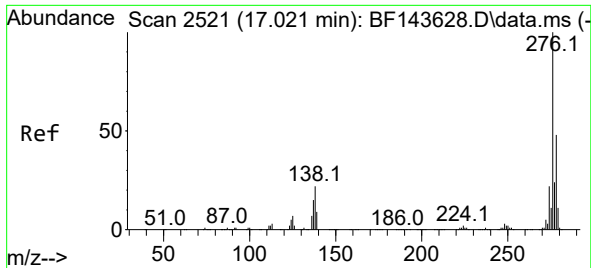


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21



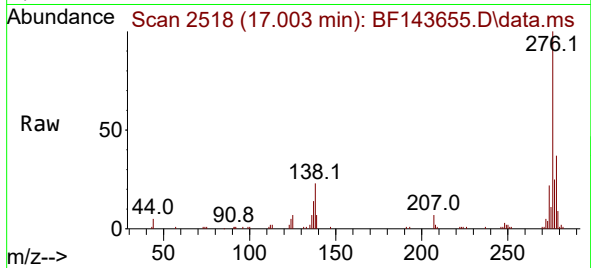
Tgt Ion:264 Resp: 161611
Ion Ratio Lower Upper
264 100
260 23.0 18.9 28.3
265 21.3 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 7.234 ng
RT: 17.003 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

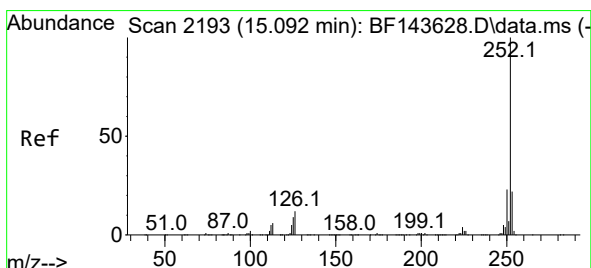
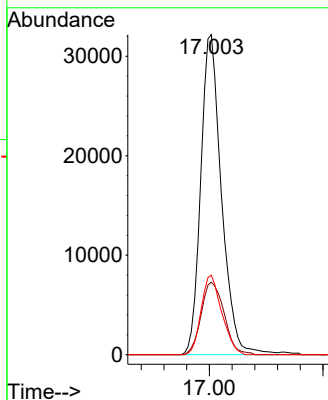
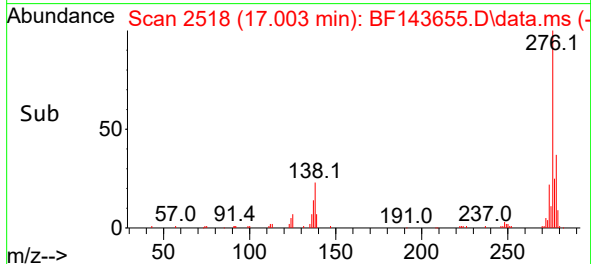
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



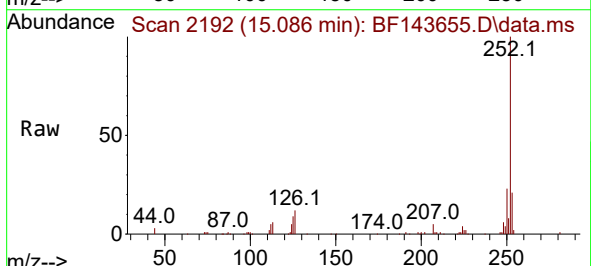
Tgt Ion:276 Resp: 81498
Ion Ratio Lower Upper
276 100
138 25.1 19.8 29.6
277 24.7 20.1 30.1

Manual Integrations
APPROVED

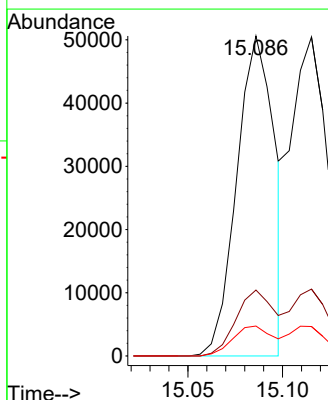
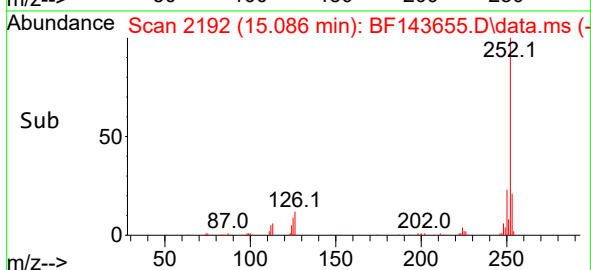
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

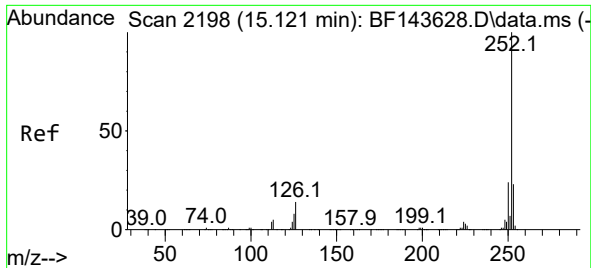


#88
Benzo(b)fluoranthene
Concen: 7.220 ng
RT: 15.086 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21



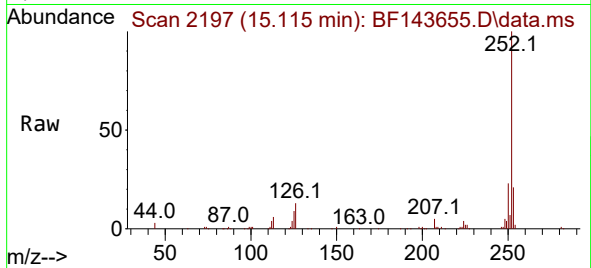
Tgt Ion:252 Resp: 70300
Ion Ratio Lower Upper
252 100
253 20.6 17.2 25.8
125 9.3 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 8.524 ng
RT: 15.115 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

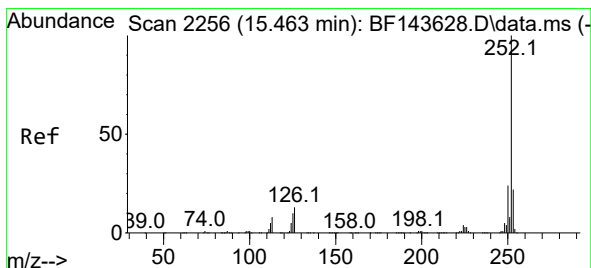
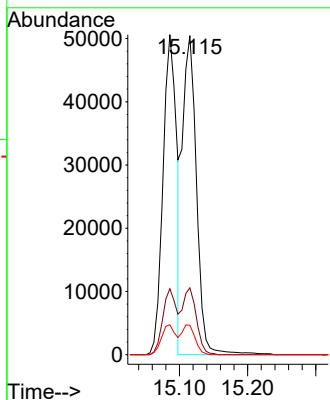
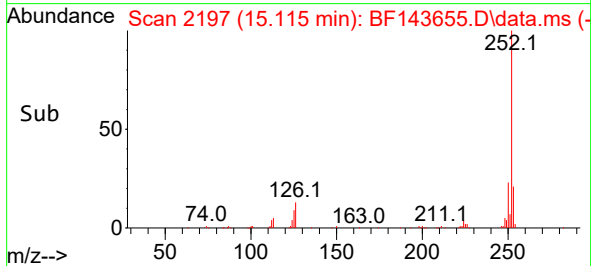
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



Tgt Ion:252 Resp: 71780
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.6
125 9.2 7.3 10.9

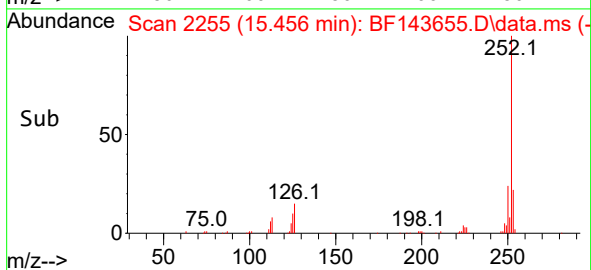
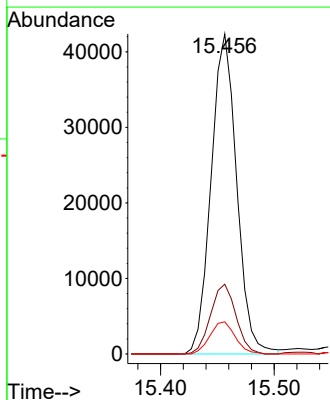
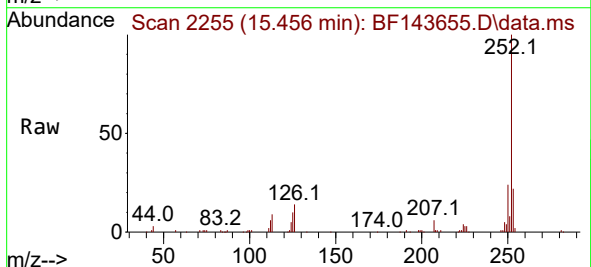
Manual Integrations
APPROVED

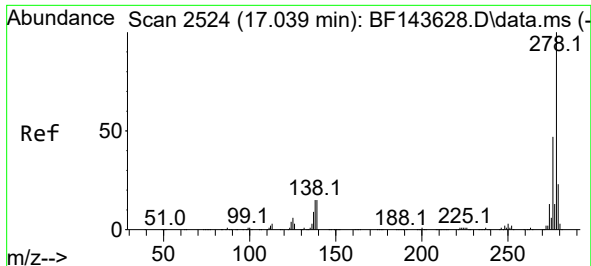
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#90
Benzo(a)pyrene
Concen: 7.920 ng
RT: 15.456 min Scan# 2255
Delta R.T. -0.006 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

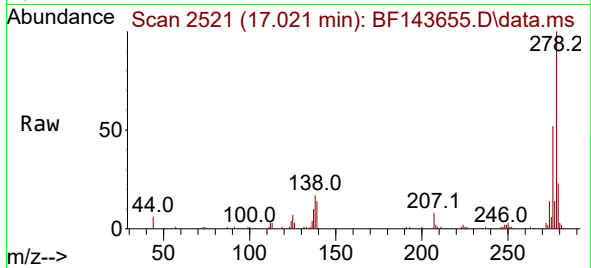
Tgt Ion:252 Resp: 66291
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.0 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 7.343 ng
RT: 17.021 min Scan# 2521
Delta R.T. -0.018 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21

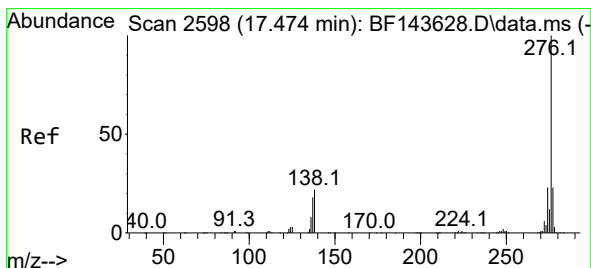
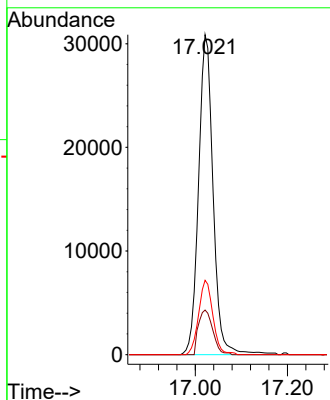
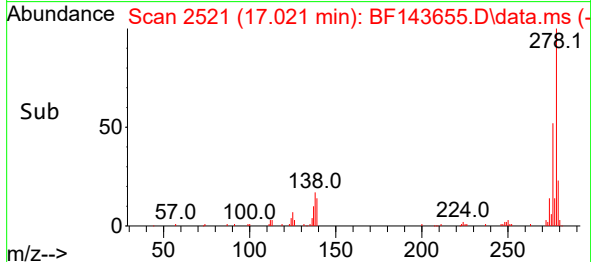
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



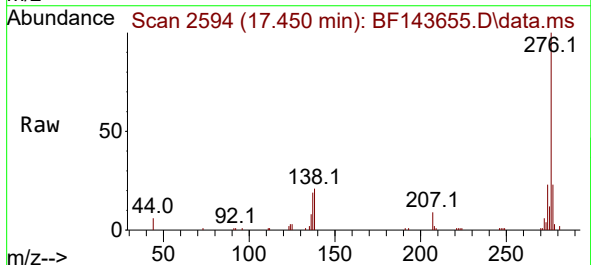
Tgt Ion: 278 Resp: 6804
Ion Ratio Lower Upper
278 100
139 14.0 12.4 18.6
279 23.2 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#92
Benzo(g,h,i)perylene
Concen: 7.229 ng
RT: 17.450 min Scan# 2594
Delta R.T. -0.024 min
Lab File: BF143655.D
Acq: 05 Sep 2025 12:21



Tgt Ion: 276 Resp: 64535
Ion Ratio Lower Upper
276 100
277 23.2 18.7 28.1
138 20.7 17.2 25.8

