

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090425\
 Data File : BF143646.D
 Acq On : 04 Sep 2025 16:12
 Operator : RC/JU
 Sample : Q2893-07
 Misc : LOD-MDL-WATER 8PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Quant Time: Sep 04 17:16:06 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	75512	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	289726	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	166088	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	281702	20.000	ng	0.00
76) Chrysene-d12	14.045	240	201053	20.000	ng	0.00
86) Perylene-d12	15.521	264	170876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	525867	123.372	ng	0.00
7) Phenol-d6	6.510	99	660959	124.937	ng	0.00
23) Nitrobenzene-d5	7.451	82	408645	99.132	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	206402	148.611	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	894345	86.030	ng	0.00
79) Terphenyl-d14	12.998	244	1015504	84.160	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	15316	7.616	ng	98
3) Pyridine	3.475	79	38153	7.161	ng	97
4) n-Nitrosodimethylamine	3.369	42	16260	7.348	ng	97
6) Aniline	6.551	93	56865	7.722	ng	99
8) 2-Chlorophenol	6.675	128	35997	8.155	ng	91
9) Benzaldehyde	6.439	77	30850	7.848	ng	97
10) Phenol	6.522	94	45181	7.790	ng	# 81
11) bis(2-Chloroethyl)ether	6.622	93	34320	7.555	ng	97
12) 1,3-Dichlorobenzene	6.834	146	43675	8.017	ng	97
13) 1,4-Dichlorobenzene	6.910	146	44012	8.055	ng	98
14) 1,2-Dichlorobenzene	7.057	146	41291	7.985	ng	100
15) Benzyl Alcohol	7.022	79	31043	7.722	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	51827	7.249	ng	100
17) 2-Methylphenol	7.128	107	29429	7.625	ng	98
18) Hexachloroethane	7.404	117	13944	8.180	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	26648	7.910	ng	98
20) 3+4-Methylphenols	7.281	107	38784	7.983	ng	92
22) Acetophenone	7.292	105	53988	8.240	ng	# 96
24) Nitrobenzene	7.469	77	39431	8.946	ng	99
25) Isophorone	7.704	82	69827	7.517	ng	99
26) 2-Nitrophenol	7.781	139	14232	11.603	ng	97
27) 2,4-Dimethylphenol	7.810	122	35348	8.740	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	44469	7.831	ng	99
29) 2,4-Dichlorophenol	8.016	162	31723	7.993	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	36178	8.365	ng	99
31) Naphthalene	8.192	128	110737	7.814	ng	99
32) Benzoic acid	7.857	122	11224	11.372	ng	97
33) 4-Chloroaniline	8.233	127	43996	8.966	ng	99
34) Hexachlorobutadiene	8.310	225	22246	7.907	ng	95
35) Caprolactam	8.563	113	8084	7.601	ng	94
36) 4-Chloro-3-methylphenol	8.704	107	32192	7.746	ng	99
37) 2-Methylnaphthalene	8.880	142	68361	7.132	ng	100
38) 1-Methylnaphthalene	8.980	142	71820	7.837	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	36867	8.032	ng	99
41) Hexachlorocyclopentadiene	9.033	237	21581	9.682	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	23105	8.170	ng	99

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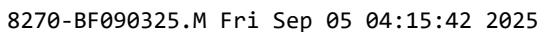
Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025

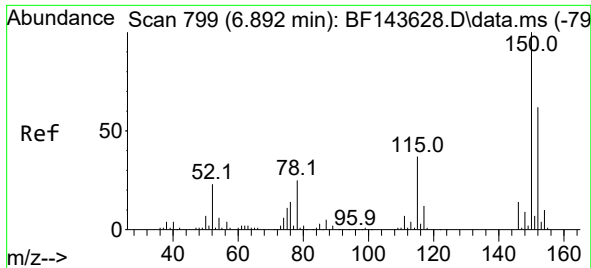
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	24397	8.356	ng	99
46) 1,1'-Biphenyl	9.345	154	96135	8.139	ng	99
47) 2-Chloronaphthalene	9.369	162	72317	7.823	ng	98
48) 2-Nitroaniline	9.457	65	17594	9.727	ng	95
49) Acenaphthylene	9.786	152	118334	8.882	ng	99
50) Dimethylphthalate	9.639	163	86143	8.191	ng	100
51) 2,6-Dinitrotoluene	9.698	165	15991	11.491	ng	99
52) Acenaphthene	9.957	154	69643	7.815	ng	99
53) 3-Nitroaniline	9.863	138	17581	10.791	ng	100
54) 2,4-Dinitrophenol	9.969	184	3827	12.475	ng	# 45
55) Dibenzofuran	10.127	168	104736	8.090	ng	98
56) 4-Nitrophenol	10.010	139	12695	8.141	ng	95
57) 2,4-Dinitrotoluene	10.098	165	19757	10.884	ng	98
58) Fluorene	10.469	166	83208	8.309	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	21259m	9.588	ng	
60) Diethylphthalate	10.339	149	81104	8.123	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	40356	8.076	ng	98
62) 4-Nitroaniline	10.475	138	15029	9.659	ng	96
63) Azobenzene	10.627	77	76430	8.121	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	6521	13.024	ng	97
66) n-Nitrosodiphenylamine	10.580	169	70236	7.725	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	25412	7.778	ng	96
68) Hexachlorobenzene	11.016	284	26344	7.676	ng	99
69) Atrazine	11.104	200	21707	7.986	ng	97
70) Pentachlorophenol	11.210	266	14023	7.274	ng	97
71) Phenanthrene	11.433	178	120917	7.938	ng	98
72) Anthracene	11.486	178	121768	7.970	ng	99
73) Carbazole	11.633	167	105734	8.211	ng	99
74) Di-n-butylphthalate	11.969	149	117672	8.139	ng	100
75) Fluoranthene	12.621	202	119026	8.508	ng	99
77) Benzidine	12.739	184	54320	11.809	ng	97
78) Pyrene	12.851	202	119341	7.193	ng	99
80) Butylbenzylphthalate	13.468	149	32883	9.093	ng	99
81) Benzo(a)anthracene	14.033	228	95667	7.346	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	28431	8.009	ng	99
83) Chrysene	14.068	228	90935	7.768	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	45822	8.700	ng	98
85) Di-n-octyl phthalate	14.639	149	65894	5.524	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	83162	6.981	ng	100
88) Benzo(b)fluoranthene	15.086	252	73659	7.155	ng	98
89) Benzo(k)fluoranthene	15.115	252	75889	8.524	ng	98
90) Benzo(a)pyrene	15.457	252	70737	7.993	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	70063	7.151	ng	99
92) Benzo(g,h,i)perylene	17.451	276	66612	7.058	ng	100

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

Manual Integrations

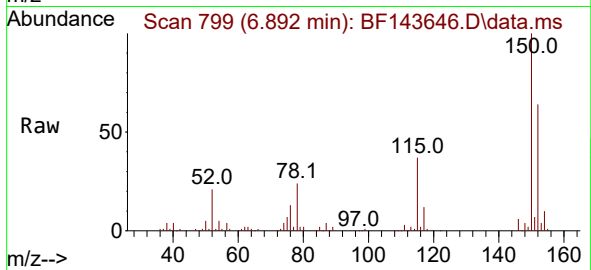
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

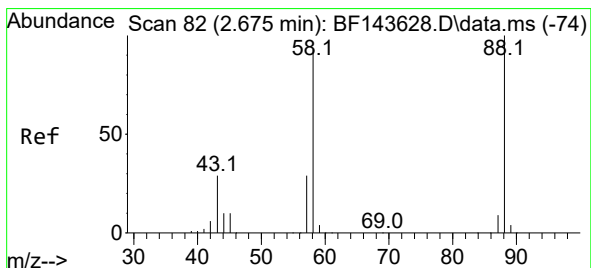
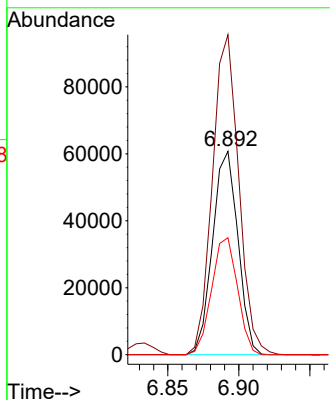
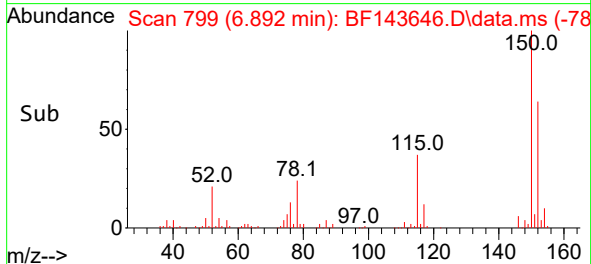
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



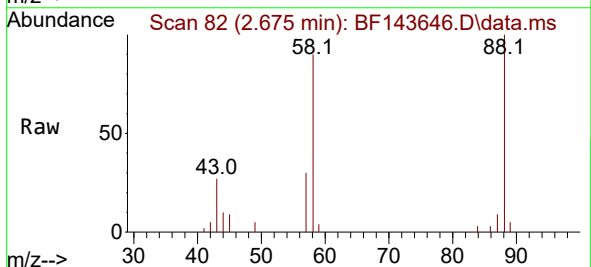
Tgt Ion: 152 Resp: 75512
Ion Ratio Lower Upper
152 100
150 157.3 128.4 192.6
115 57.5 47.9 71.9

Manual Integrations
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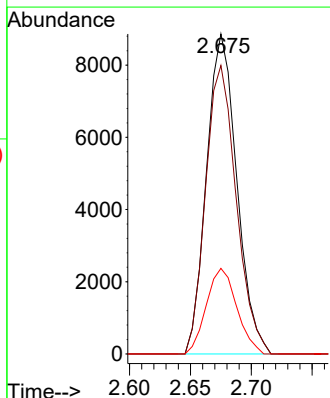
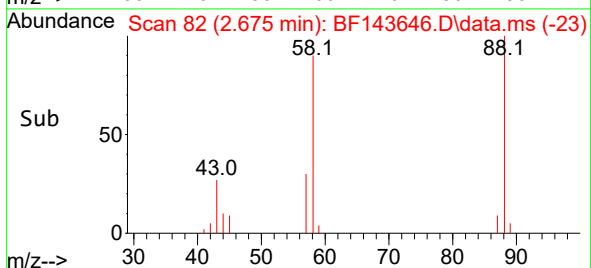
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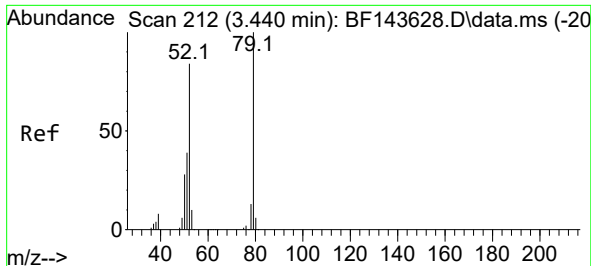


#2
1,4-Dioxane
Concen: 7.616 ng
RT: 2.675 min Scan# 82
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12



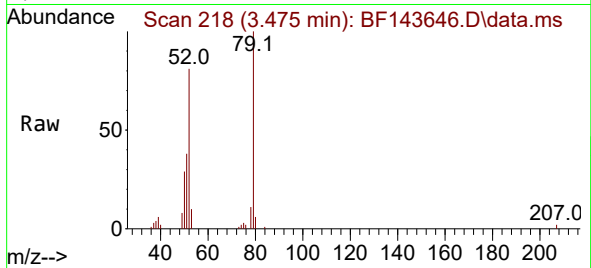
Tgt Ion: 88 Resp: 15316
Ion Ratio Lower Upper
88 100
58 91.3 73.9 110.9
43 26.9 23.4 35.2





#3
Pyridine
Concen: 7.161 ng
RT: 3.475 min Scan# 212
Delta R.T. 0.035 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

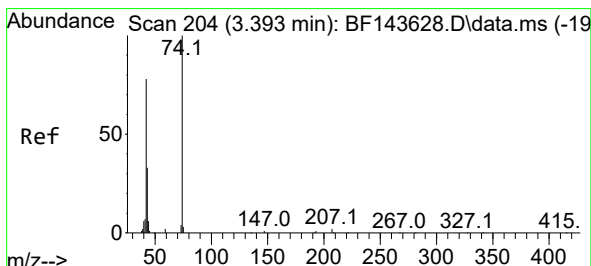
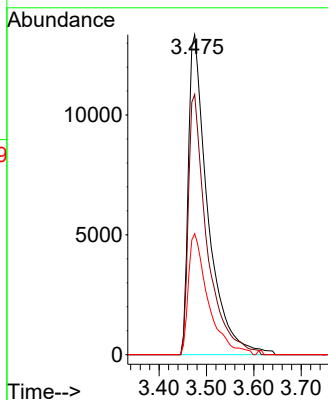
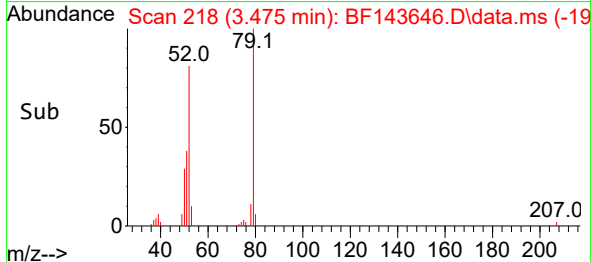
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



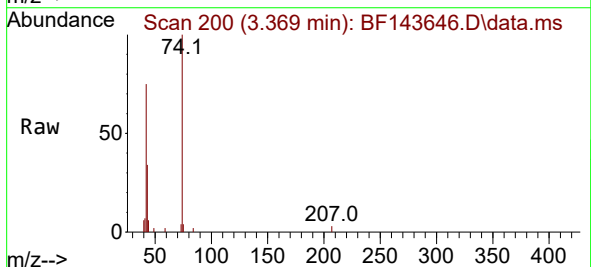
Tgt Ion: 79 Resp: 3815
Ion Ratio Lower Upper
79 100
52 81.3 67.4 101.2
51 37.8 31.0 46.6

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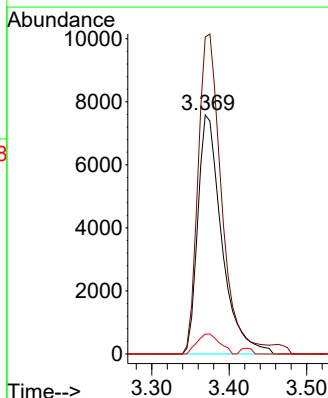
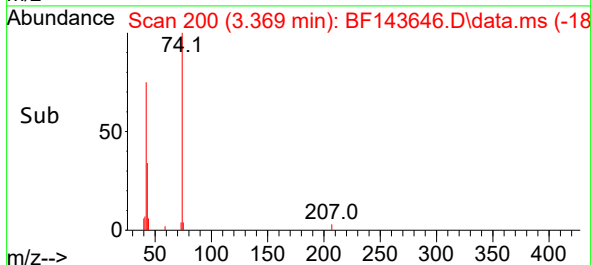
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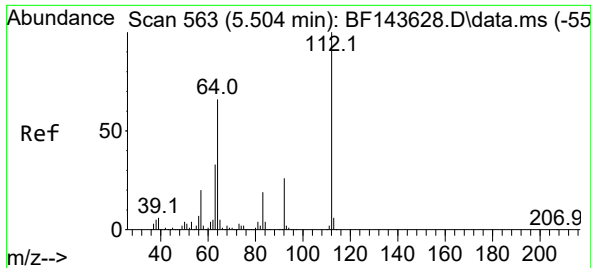


#4
n-Nitrosodimethylamine
Concen: 7.348 ng
RT: 3.369 min Scan# 200
Delta R.T. -0.024 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12



Tgt Ion: 42 Resp: 16260
Ion Ratio Lower Upper
42 100
74 132.7 102.9 154.3
44 8.3 6.5 9.7





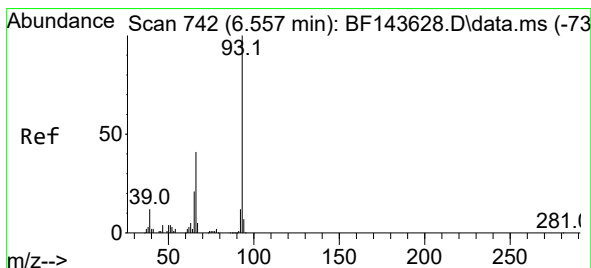
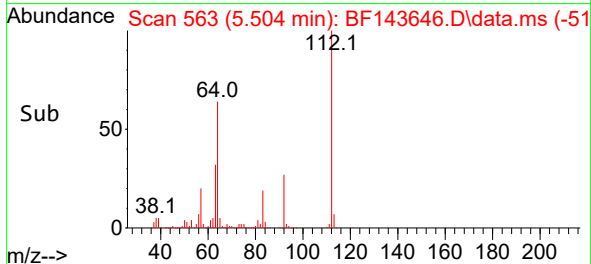
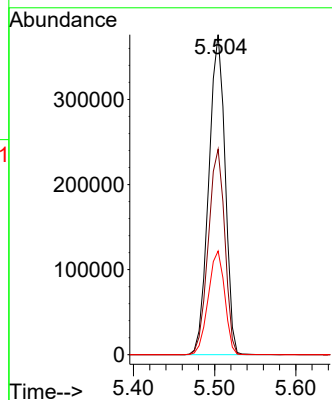
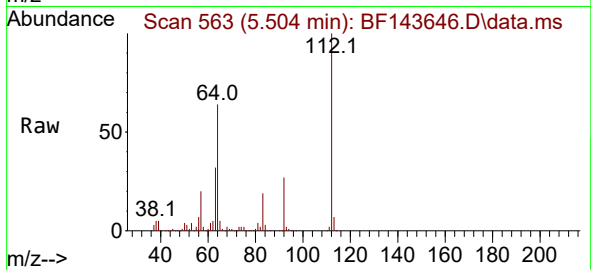
#5
2-Fluorophenol
Concen: 123.372 ng
RT: 5.504 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 112 Resp: 52586
Ion Ratio Lower Upper
112 100
64 64.2 52.7 79.1
63 32.4 26.5 39.7

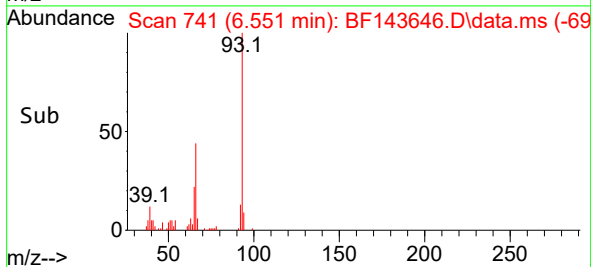
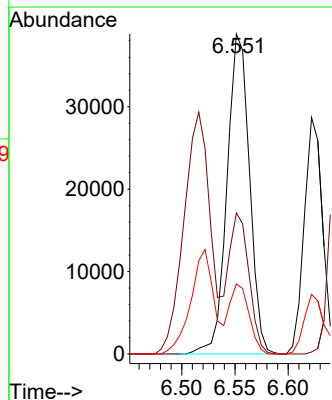
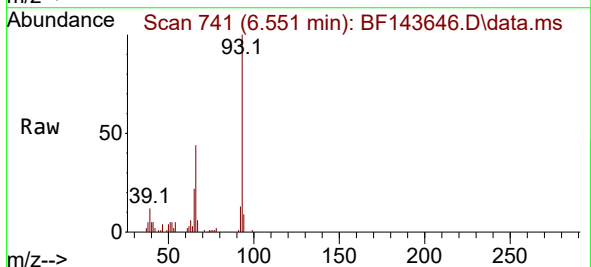
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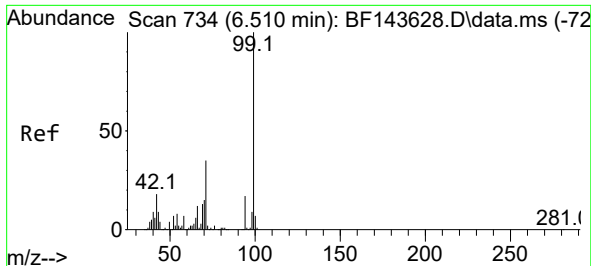
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#6
Aniline
Concen: 7.722 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF143646.D
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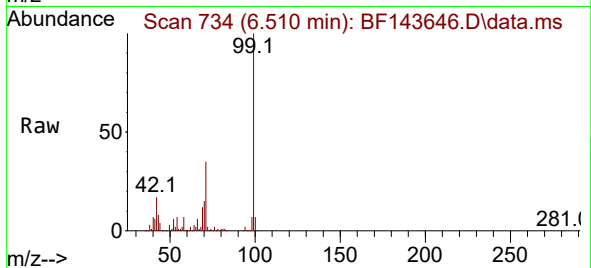
Tgt Ion: 93 Resp: 56865
Ion Ratio Lower Upper
93 100
66 44.0 34.6 51.8
65 21.9 16.9 25.3





#7
Phenol-d6
Concen: 124.937 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

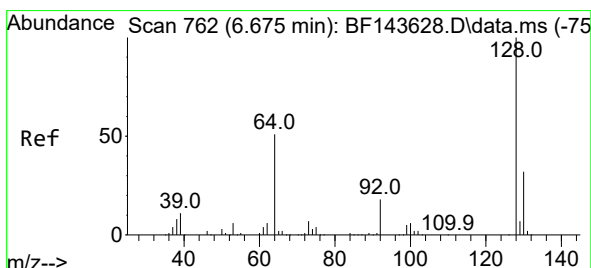
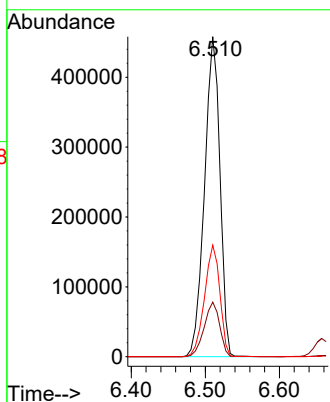
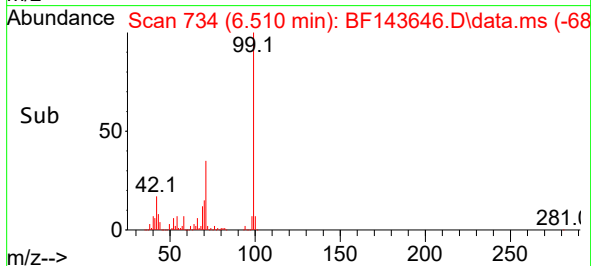
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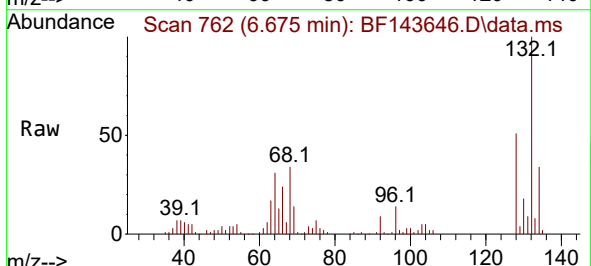
Tgt Ion: 99 Resp: 660959
Ion Ratio Lower Upper
99 100
42 17.0 14.6 22.0
71 34.9 28.0 42.0

Manual Integrations
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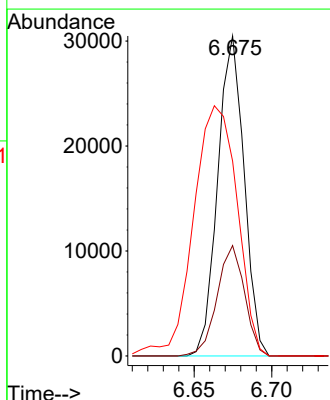
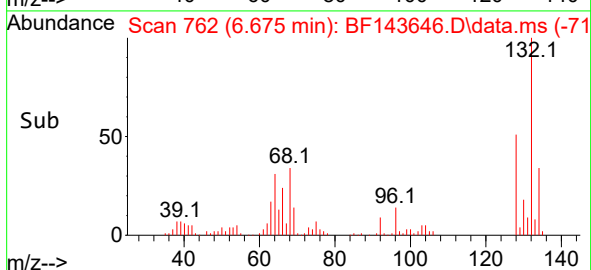
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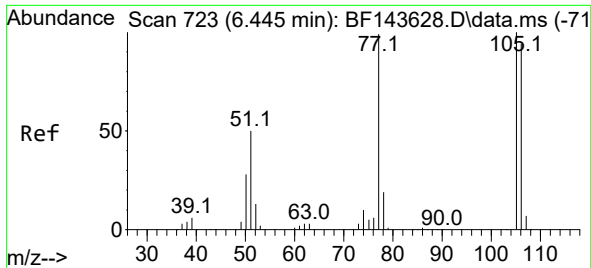


#8
2-Chlorophenol
Concen: 8.155 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12



Tgt Ion:128 Resp: 35997
Ion Ratio Lower Upper
128 100
130 34.5 12.3 52.3
64 60.9 32.9 72.9





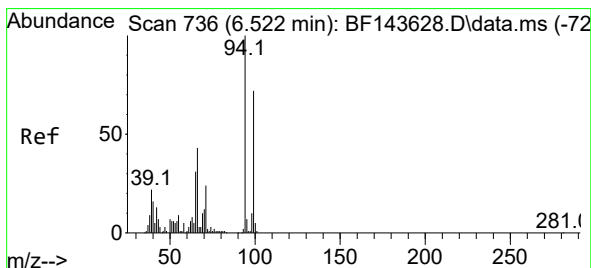
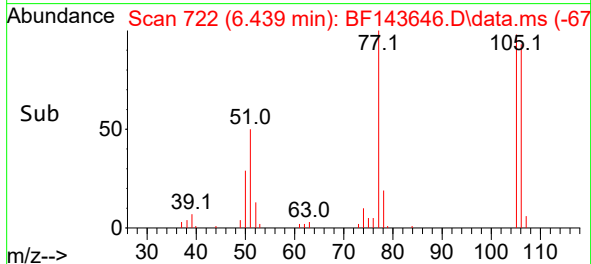
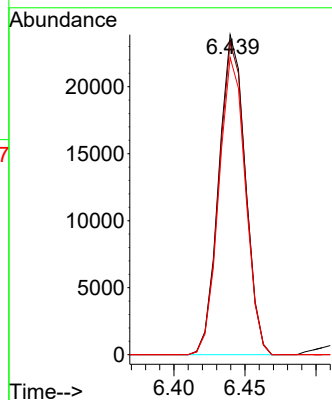
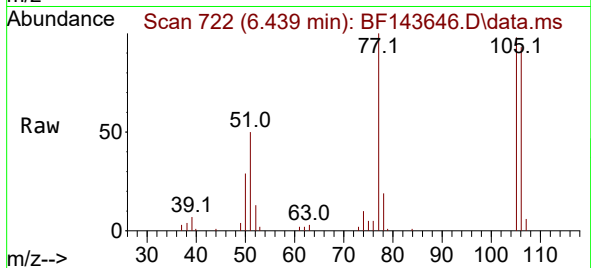
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Benzaldehyde
Concen: 7.848 ng
RT: 6.439 min Scan# 723
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 77 Resp: 30850
Ion Ratio Lower Upper
77 100
105 97.7 80.9 120.9
106 92.9 75.1 115.1

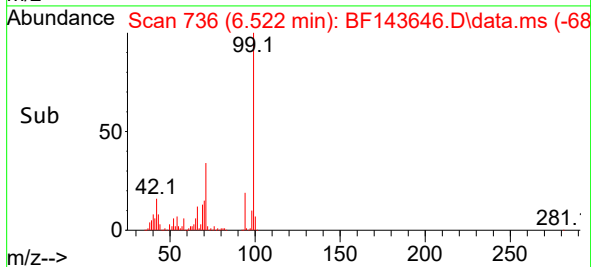
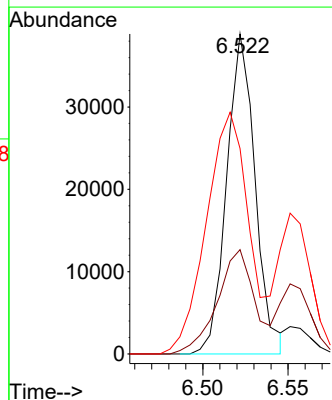
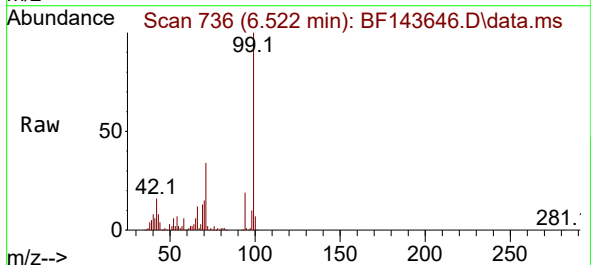
Manual Integrations
APPROVED

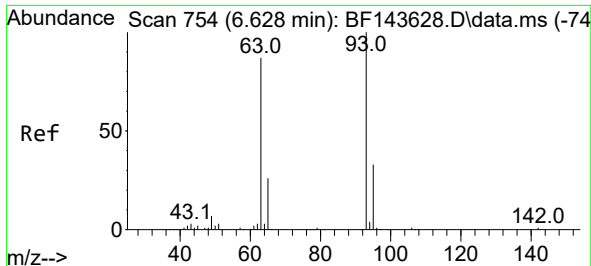
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#10
Phenol
Concen: 7.790 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

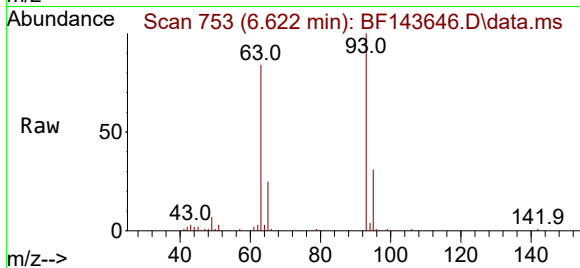
Tgt Ion: 94 Resp: 45181
Ion Ratio Lower Upper
94 100
65 32.6 11.4 51.4
66 64.2 23.7 63.7#





#11
bis(2-Chloroethyl)ether
Concen: 7.555 ng
RT: 6.622 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

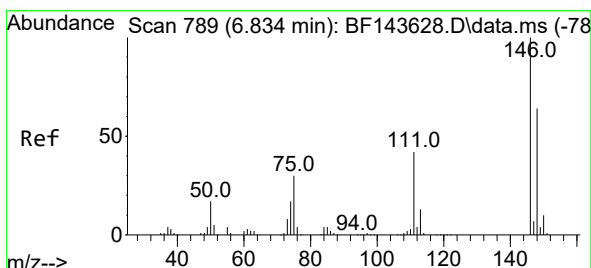
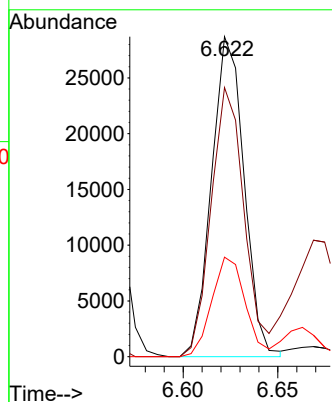
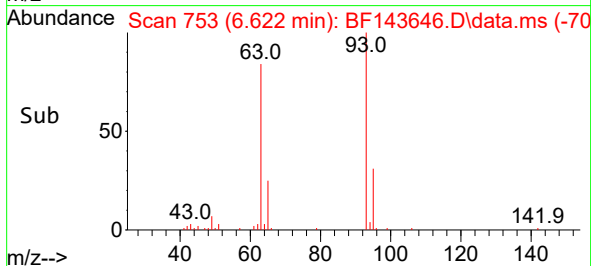
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



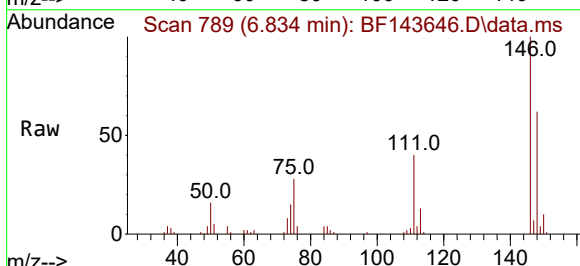
Tgt Ion: 93 Resp: 34320
Ion Ratio Lower Upper
93 100
63 84.1 66.5 106.5
95 31.1 12.7 52.7

Manual Integrations
APPROVED

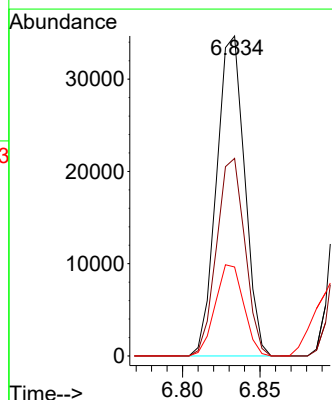
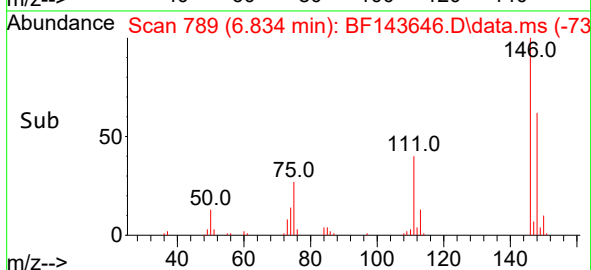
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

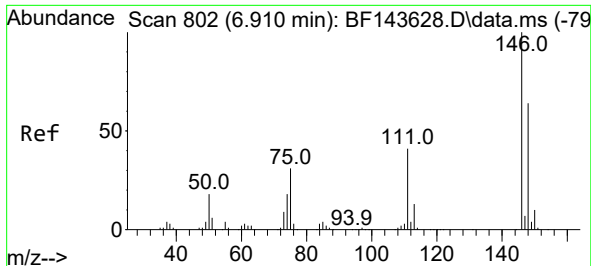


#12
1,3-Dichlorobenzene
Concen: 8.017 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12



Tgt Ion:146 Resp: 43675
Ion Ratio Lower Upper
146 100
148 61.8 50.9 76.3
75 27.8 24.2 36.2





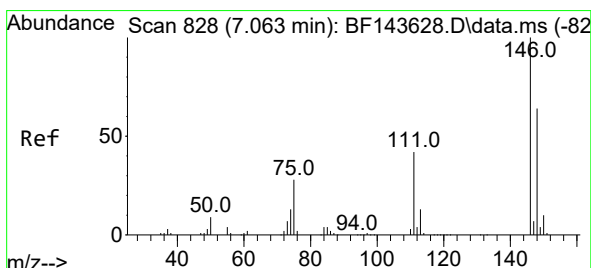
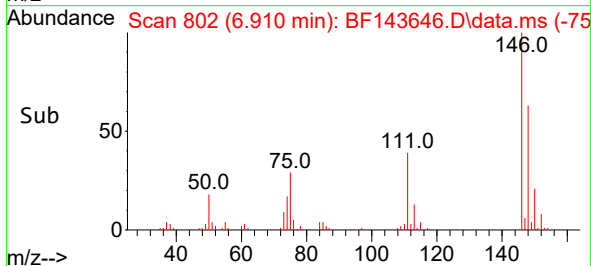
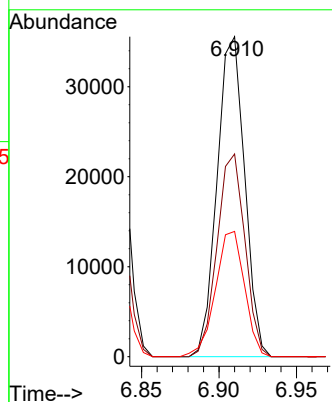
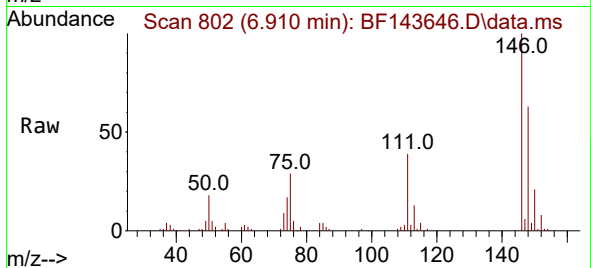
#13
1,4-Dichlorobenzene
Concen: 8.055 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion:146 Resp: 44012
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
111 39.1 33.1 49.7

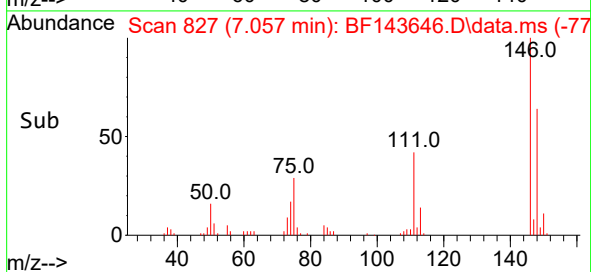
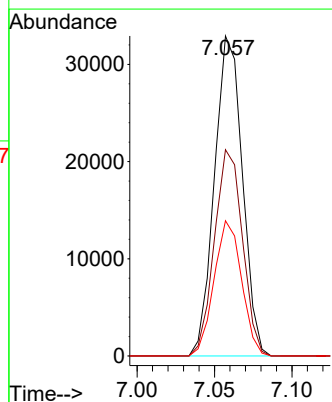
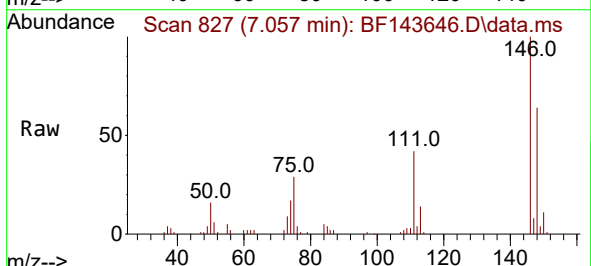
Manual Integrations
APPROVED

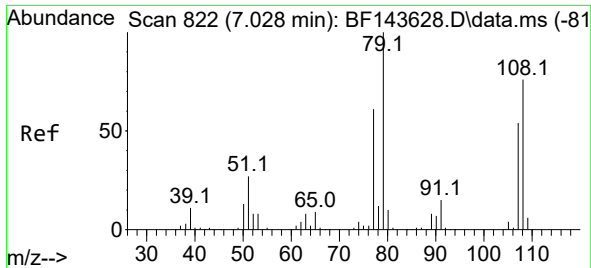
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#14
1,2-Dichlorobenzene
Concen: 7.985 ng
RT: 7.057 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Tgt Ion:146 Resp: 41291
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
111 42.3 33.9 50.9





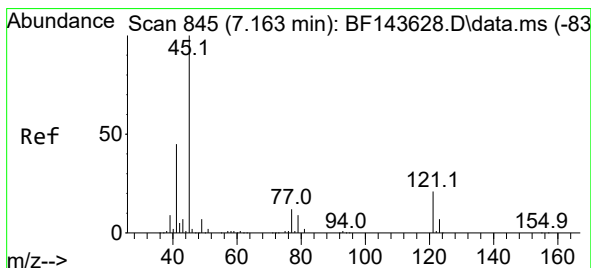
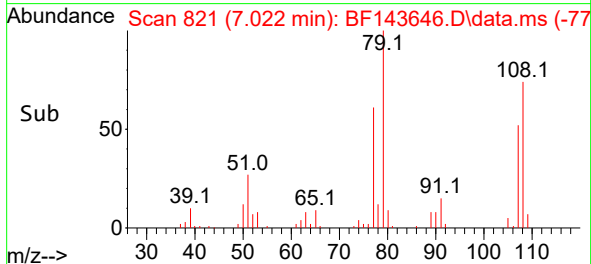
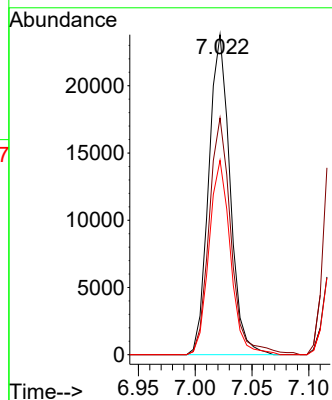
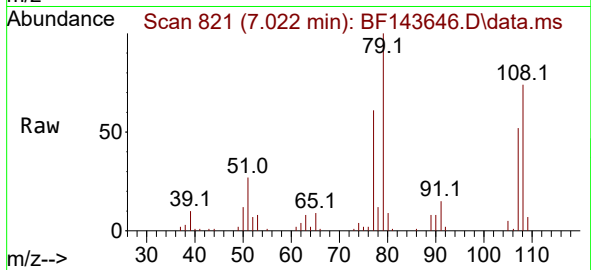
#15
Benzyl Alcohol
Concen: 7.722 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 79 Resp: 3104
Ion Ratio Lower Upper
79 100
108 74.0 60.9 91.3
77 60.7 48.4 72.6

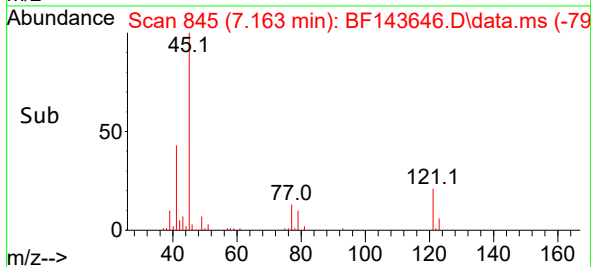
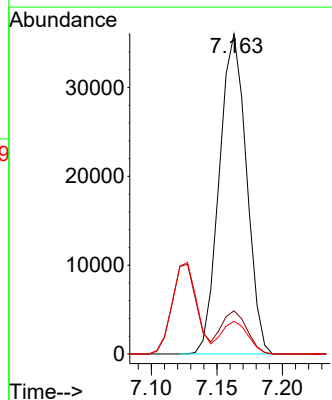
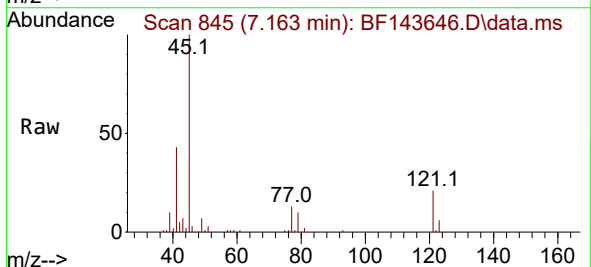
Manual Integrations
APPROVED

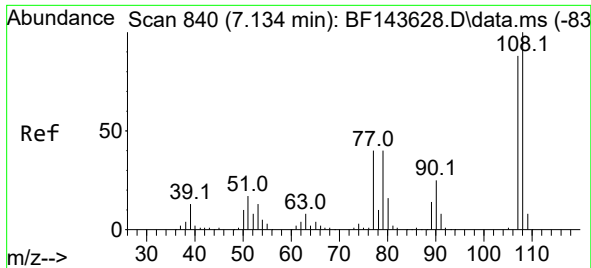
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#16
2,2'-oxybis(1-chloropropane)
Concen: 7.249 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Tgt Ion: 45 Resp: 51827
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.5
79 10.2 0.0 29.8





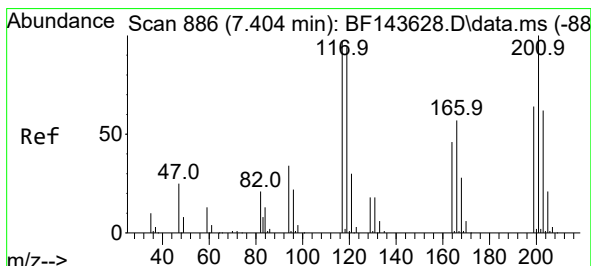
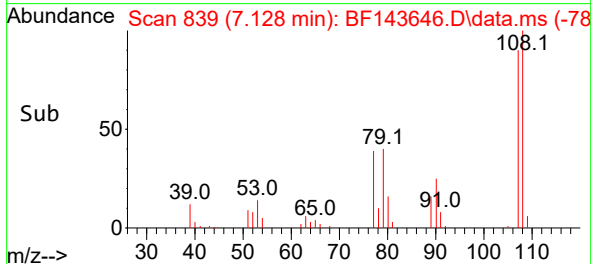
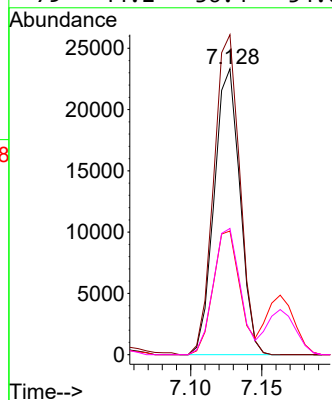
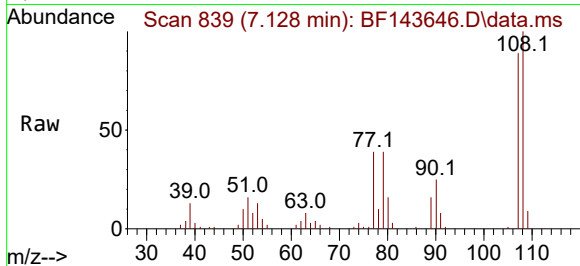
#17
2-Methylphenol
Concen: 7.625 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:107	Resp:	29429
Ion Ratio	Lower	Upper
107	100	
108	111.9	90.5 135.7
77	43.3	35.9 53.9
79	44.2	36.4 54.6

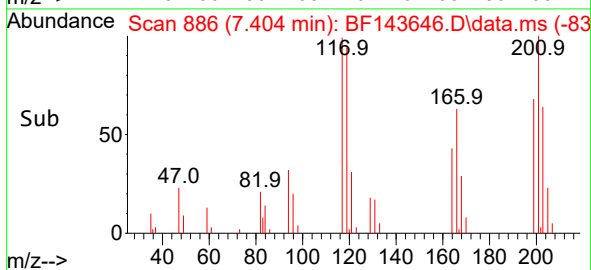
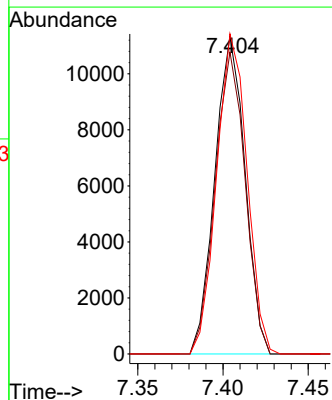
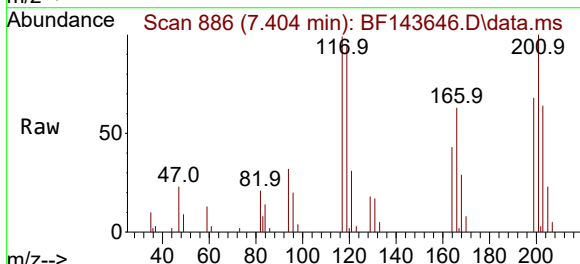
Manual Integrations
APPROVED

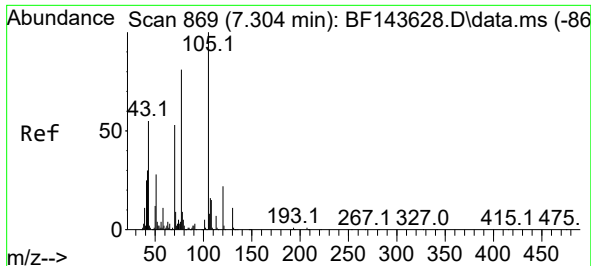
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#18
Hexachloroethane
Concen: 8.180 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

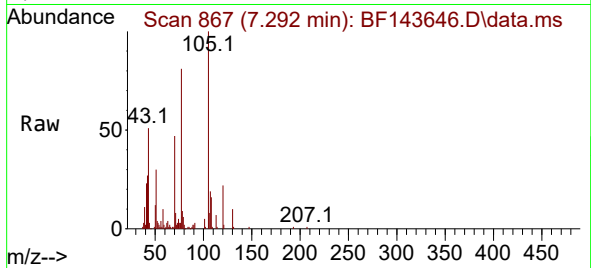
Tgt Ion:117	Resp:	13944
Ion Ratio	Lower	Upper
117	100	
119	94.9	77.7 116.5
201	100.6	82.7 124.1





#19
n-Nitroso-di-n-propylamine
Concen: 7.910 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

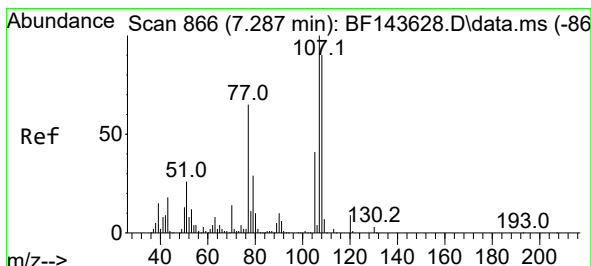
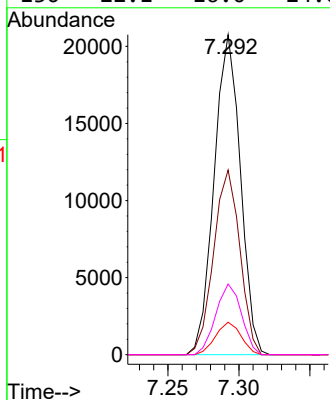
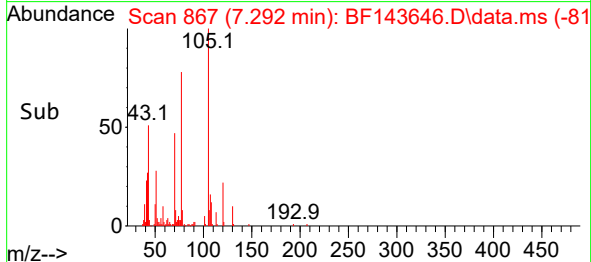
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



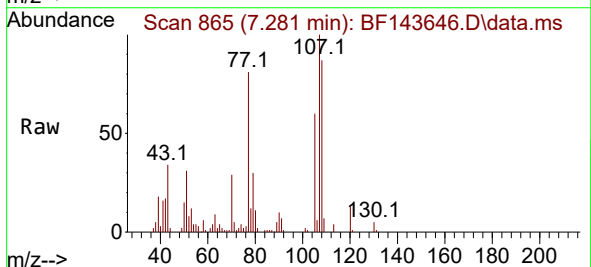
Tgt Ion: 70 Resp: 2664
Ion Ratio Lower Upper
70 100
42 57.7 45.2 67.8
101 10.1 7.6 11.4
130 22.1 16.0 24.0

Manual Integrations
APPROVED

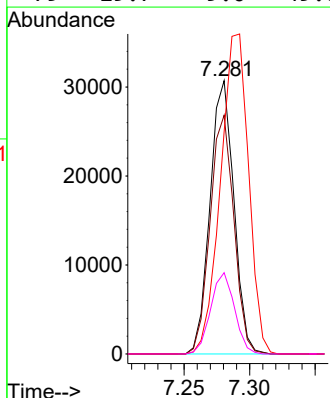
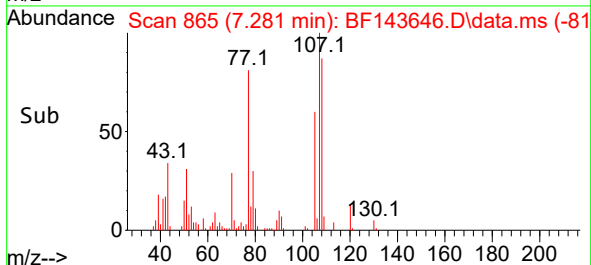
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

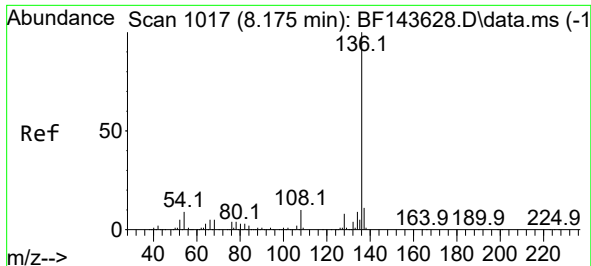


#20
3+4-Methylphenols
Concen: 7.983 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12



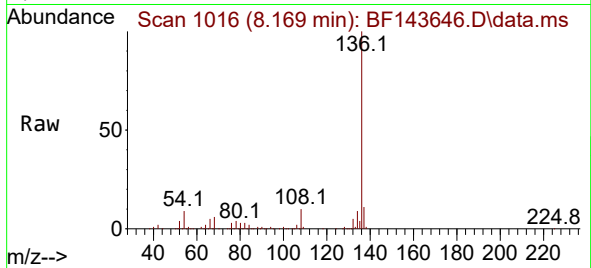
Tgt Ion:107 Resp: 38784
Ion Ratio Lower Upper
107 100
108 87.3 69.6 109.6
77 81.2 45.5 85.5
79 29.7 9.0 49.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

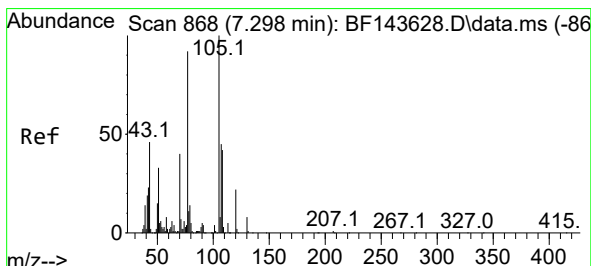
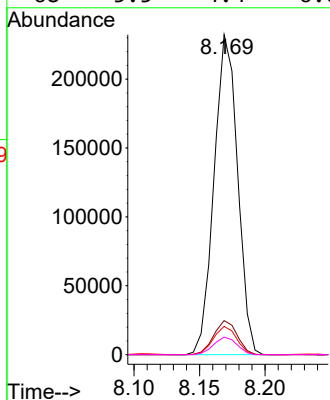
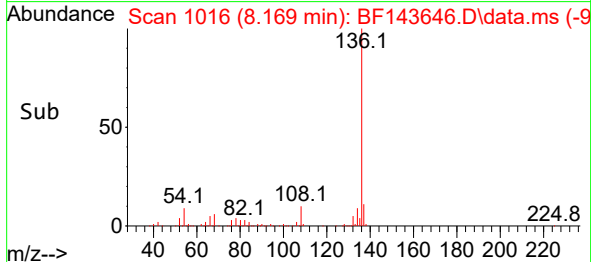
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:136 Resp: 289720
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 8.9 7.3 10.9
68 5.5 4.4 6.6

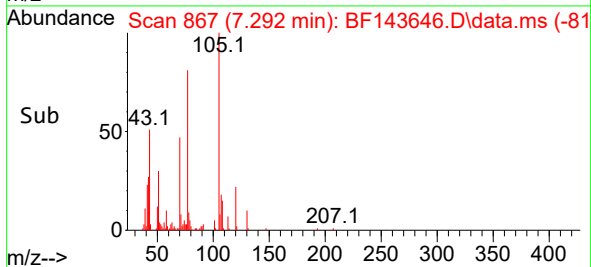
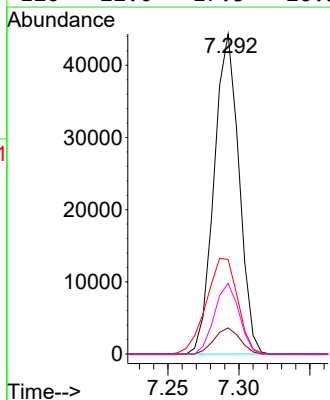
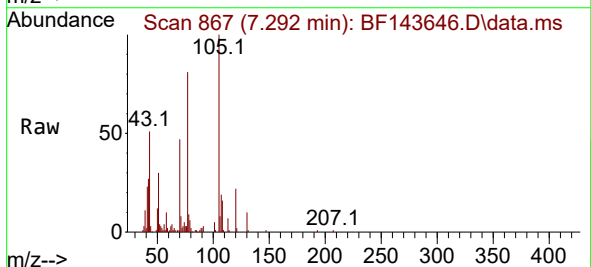
Manual Integrations
APPROVED

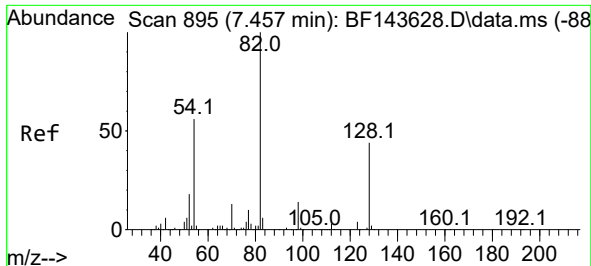
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#22
Acetophenone
Concen: 8.240 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Tgt Ion:105 Resp: 53988
Ion Ratio Lower Upper
105 100
71 8.2 5.3 7.9#
51 29.6 26.7 40.1
120 22.0 17.5 26.3





#23

Nitrobenzene-d5

Concen: 99.132 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

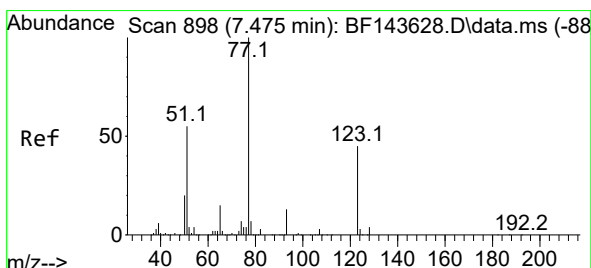
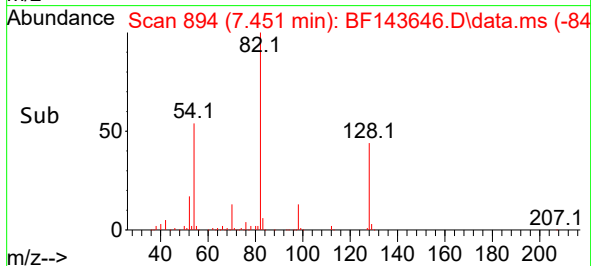
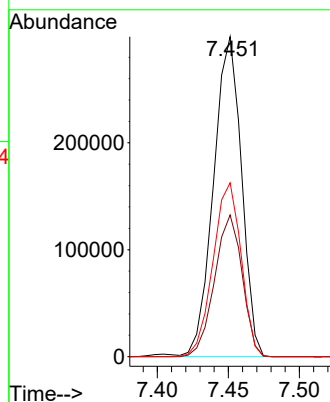
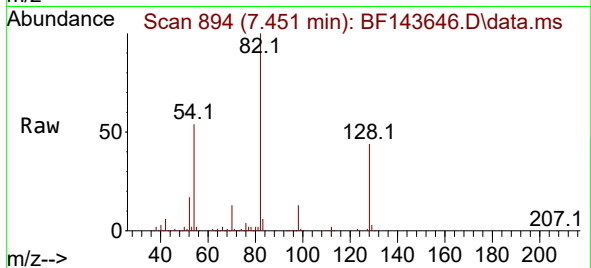
Tgt Ion: 82 Resp: 408645
 Ion Ratio Lower Upper
 82 100
 128 44.3 34.7 52.1
 54 54.4 44.8 67.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#24

Nitrobenzene

Concen: 8.946 ng

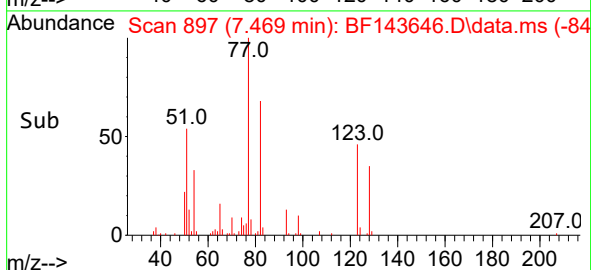
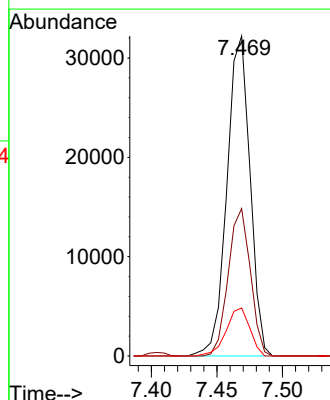
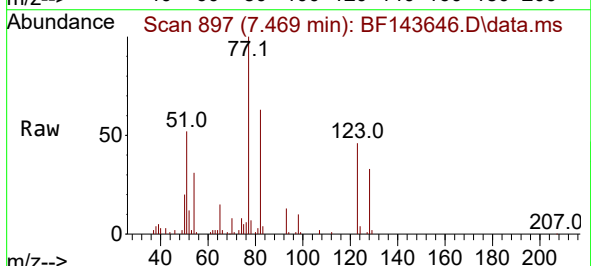
RT: 7.469 min Scan# 897

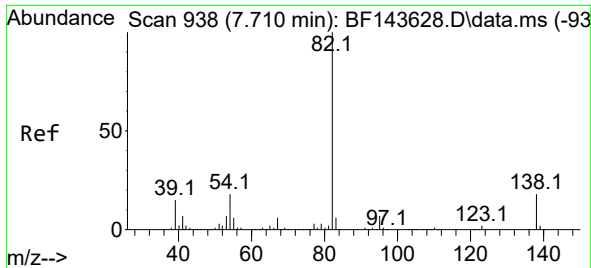
Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Tgt Ion: 77 Resp: 39431
 Ion Ratio Lower Upper
 77 100
 123 46.1 36.2 54.4
 65 15.0 11.8 17.8





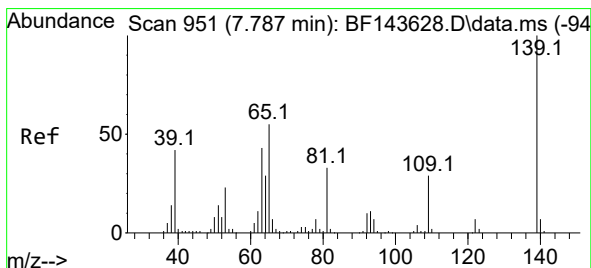
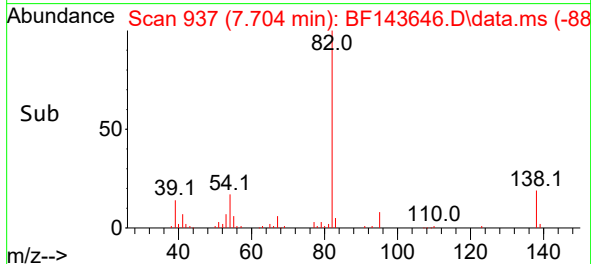
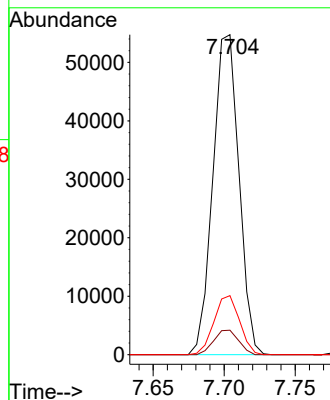
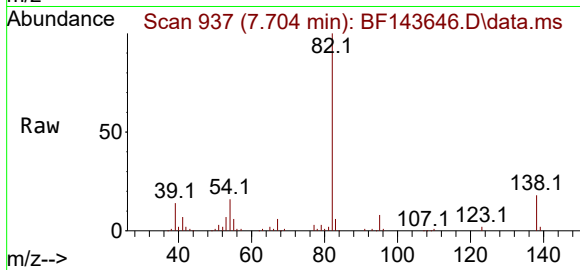
#25
Isophorone
Concen: 7.517 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 82 Resp: 6982
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 18.4 14.2 21.2

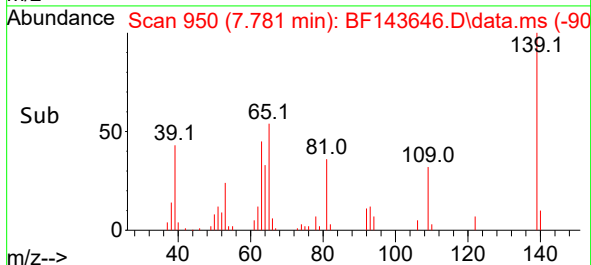
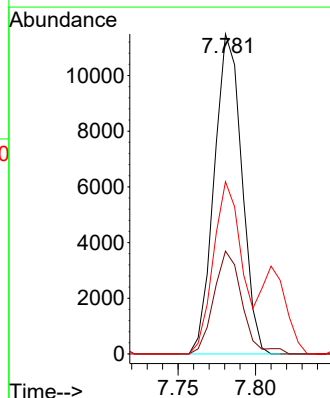
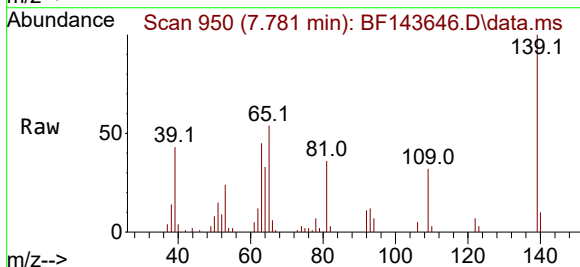
Manual Integrations
APPROVED

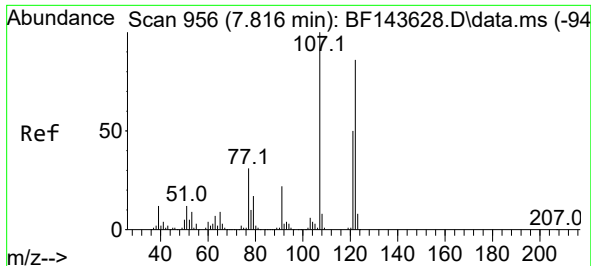
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#26
2-Nitrophenol
Concen: 11.603 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Tgt Ion:139 Resp: 14232
Ion Ratio Lower Upper
139 100
109 32.1 23.5 35.3
65 53.9 44.1 66.1





#27

2,4-Dimethylphenol

Concen: 8.740 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143646.D

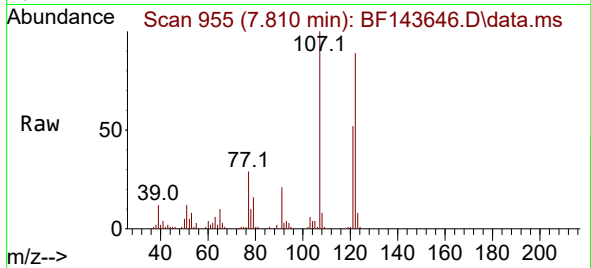
Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



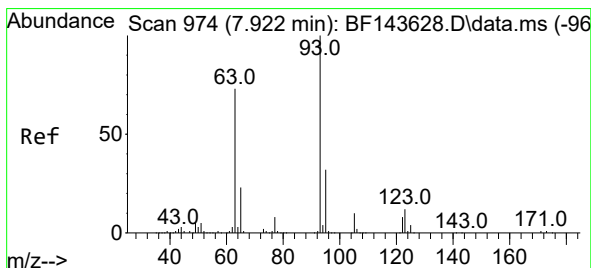
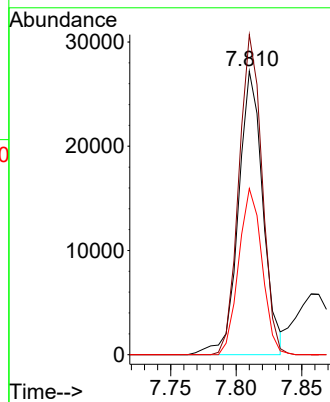
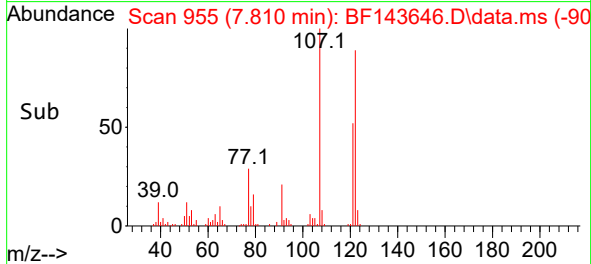
Tgt Ion:	122	Resp:	3534
Ion Ratio	Lower	Upper	
122	100		
107	112.8	93.4	140.0
121	58.6	46.9	70.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#28

bis(2-Chloroethoxy)methane

Concen: 7.831 ng

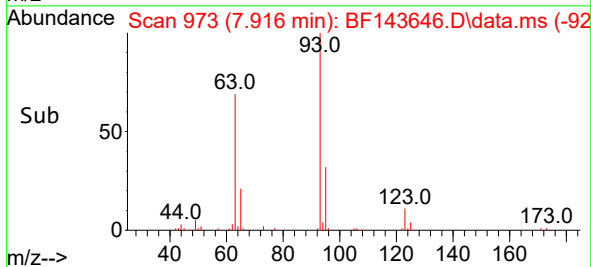
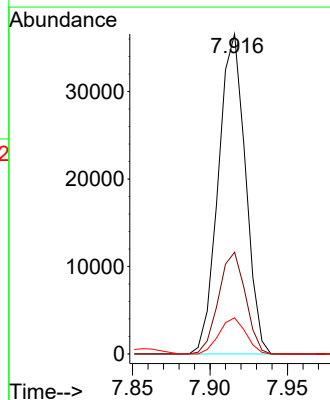
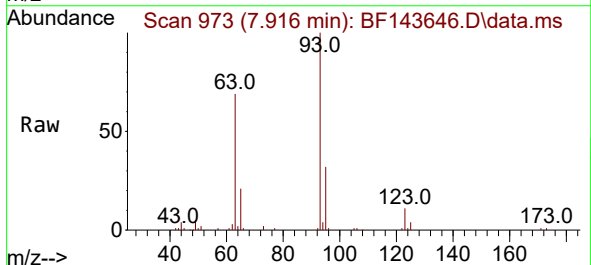
RT: 7.916 min Scan# 973

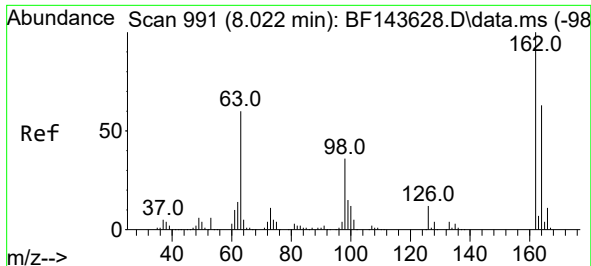
Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Tgt Ion:	93	Resp:	44469
Ion Ratio	Lower	Upper	
93	100		
95	31.8	25.8	38.8
123	11.3	9.6	14.4





#29

2,4-Dichlorophenol

Concen: 7.993 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

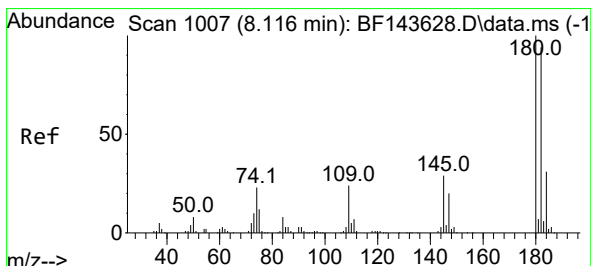
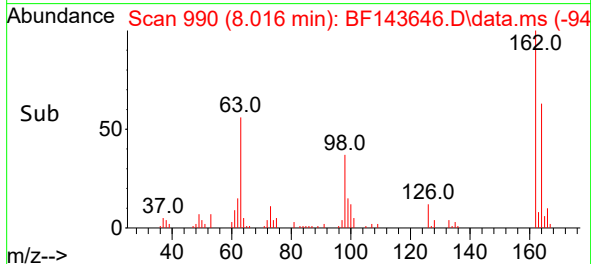
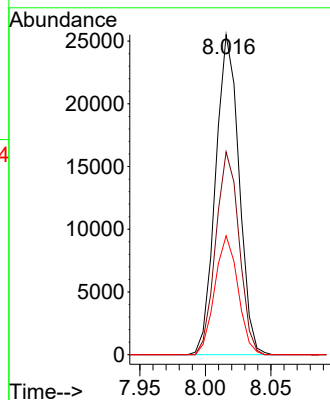
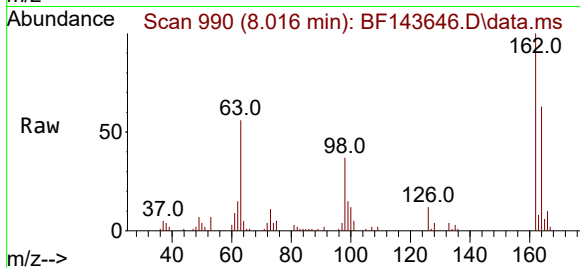
Tgt Ion:162	Resp:	3172
Ion Ratio	Lower	Upper
162	100	
164	63.4	42.9 82.9
98	37.1	15.9 55.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 8.365 ng

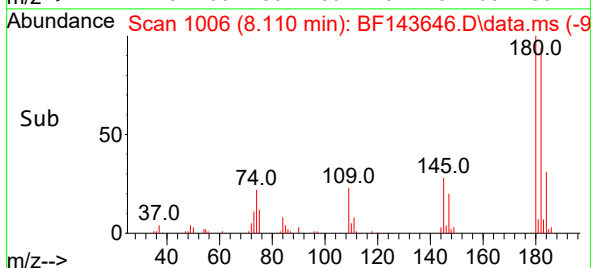
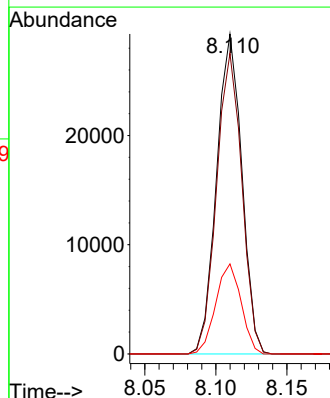
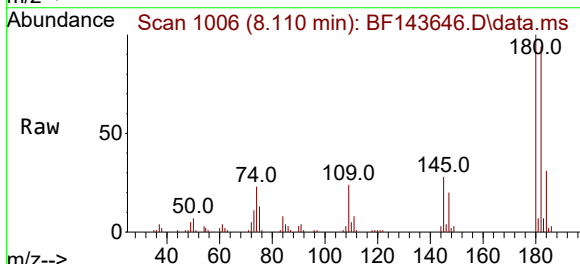
RT: 8.110 min Scan# 1006

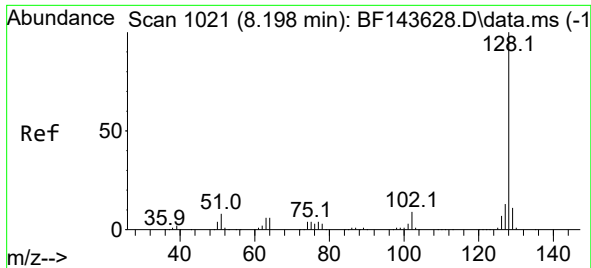
Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

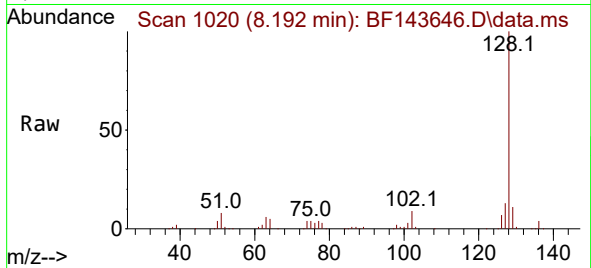
Tgt Ion:180	Resp:	36178
Ion Ratio	Lower	Upper
180	100	
182	94.0	75.2 112.8
145	28.2	23.6 35.4





#31
Naphthalene
Concen: 7.814 ng
RT: 8.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

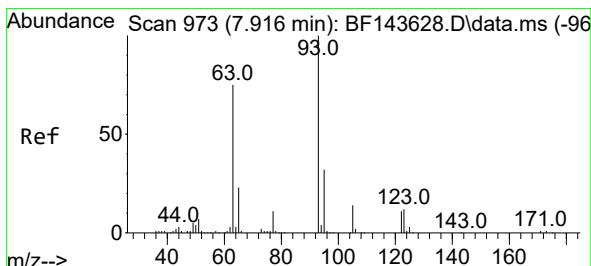
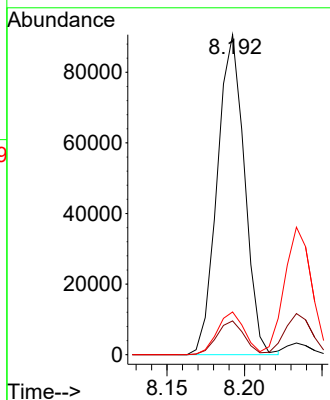
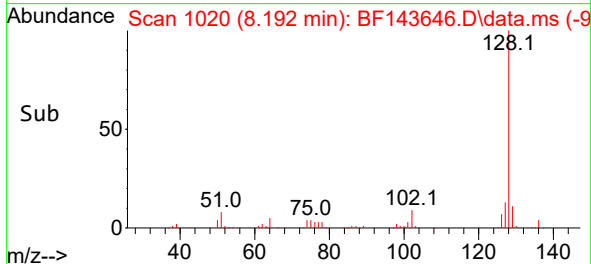
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



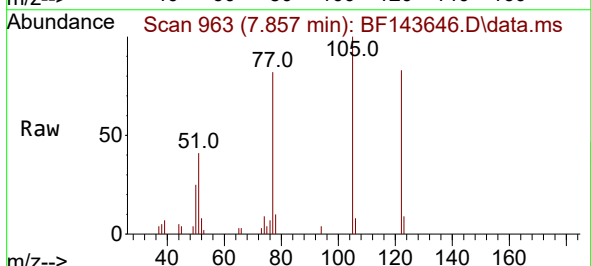
Tgt Ion:128 Resp: 11073
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.4 10.6 16.0

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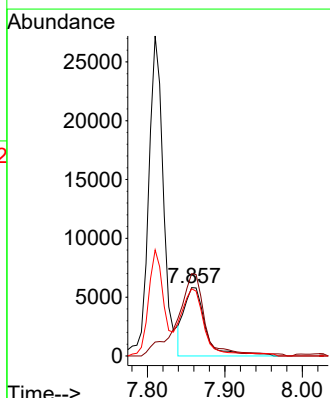
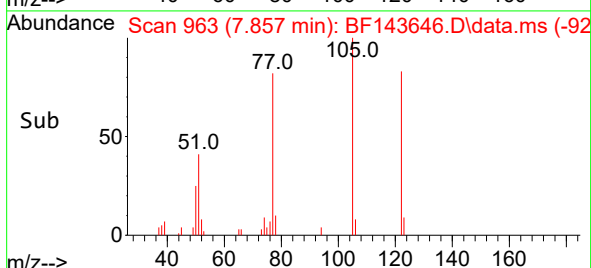
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

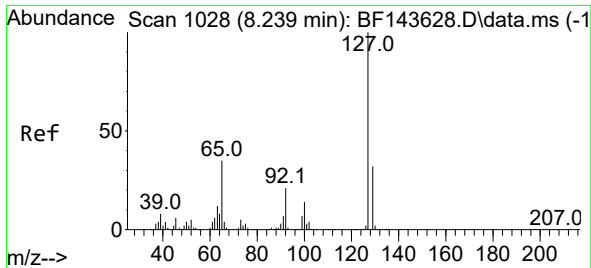


#32
Benzoic acid
Concen: 11.372 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.059 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12



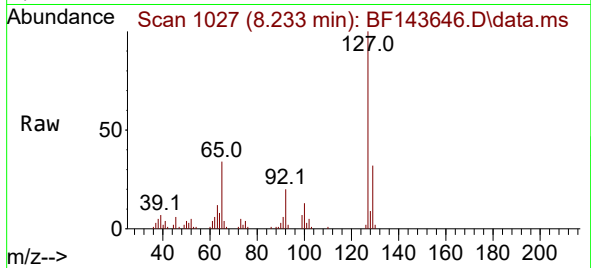
Tgt Ion:122 Resp: 11224
Ion Ratio Lower Upper
122 100
105 120.2 105.9 145.9
77 98.3 78.6 118.6





#33
4-Chloroaniline
Concen: 8.966 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

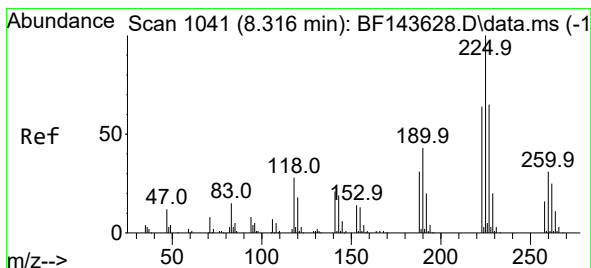
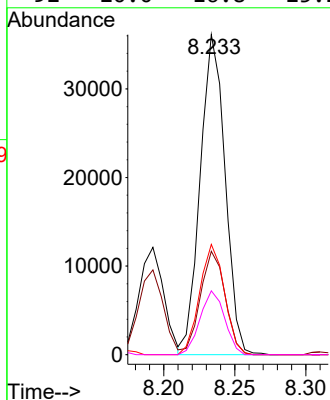
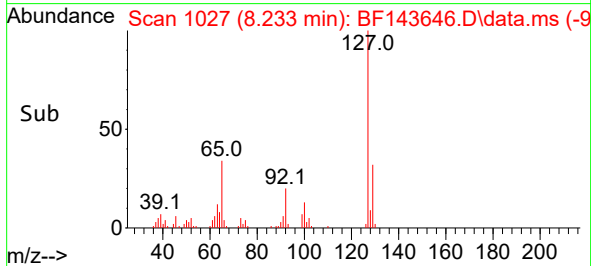
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	34.5	27.6	41.4
92	20.0	16.8	25.2

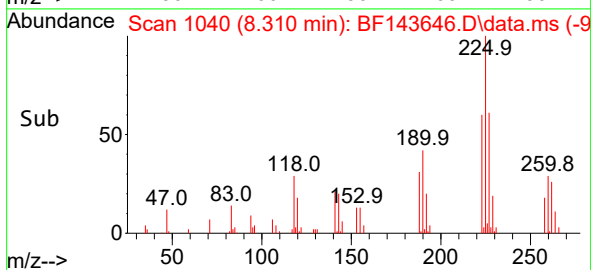
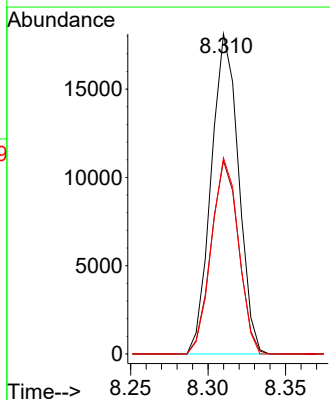
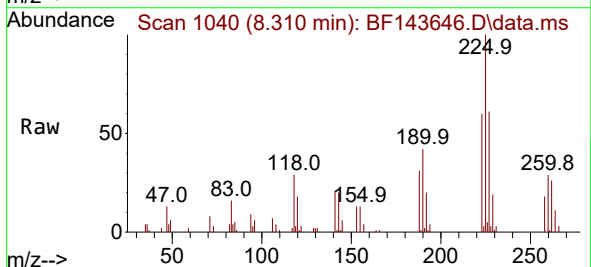
Manual Integrations
APPROVED

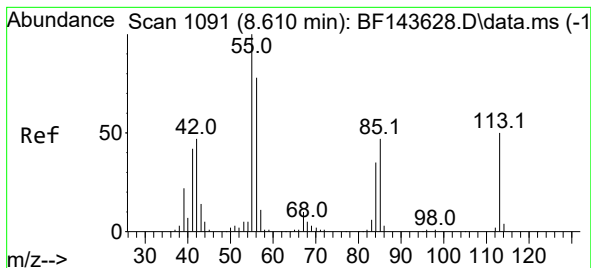
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#34
Hexachlorobutadiene
Concen: 7.907 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	51.3	76.9
227	61.3	51.7	77.5





#35

Caprolactam

Concen: 7.601 ng

RT: 8.563 min Scan# 1107

Delta R.T. -0.047 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

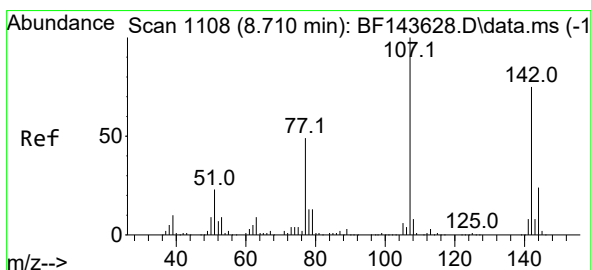
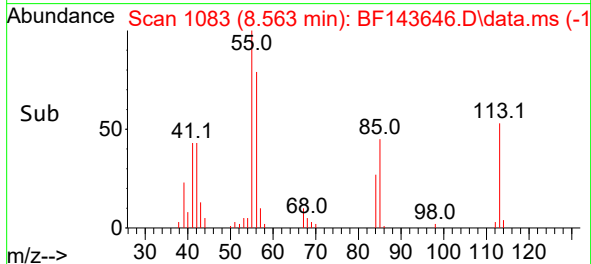
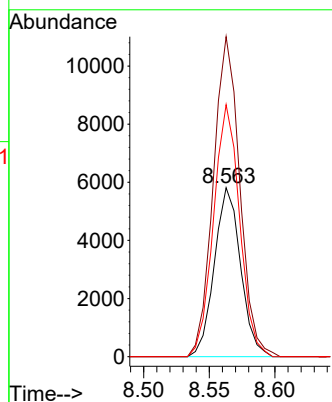
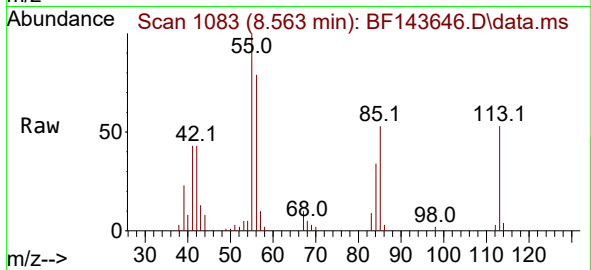
Tgt Ion:	113	Resp:	8084
Ion Ratio	Lower	Upper	
113	100		
55	189.3	180.5	220.5
56	149.1	134.8	174.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#36

4-Chloro-3-methylphenol

Concen: 7.746 ng

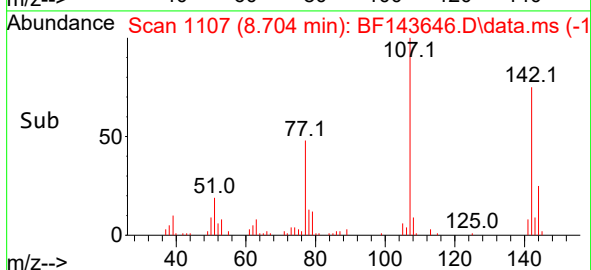
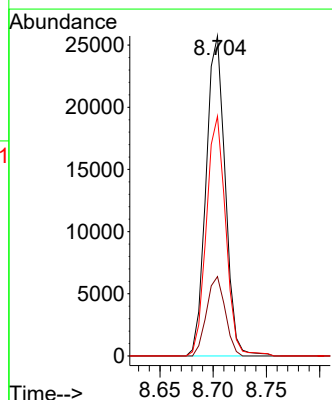
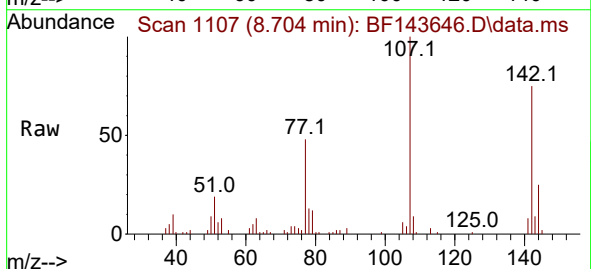
RT: 8.704 min Scan# 1107

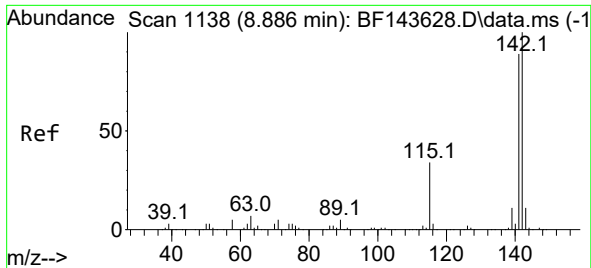
Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Tgt Ion:	107	Resp:	32192
Ion Ratio	Lower	Upper	
107	100		
144	24.8	19.0	28.6
142	74.9	60.3	90.5





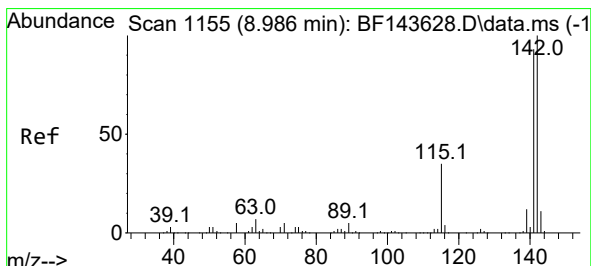
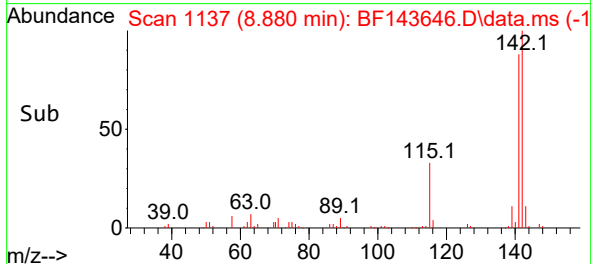
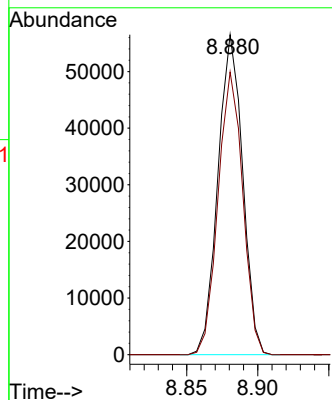
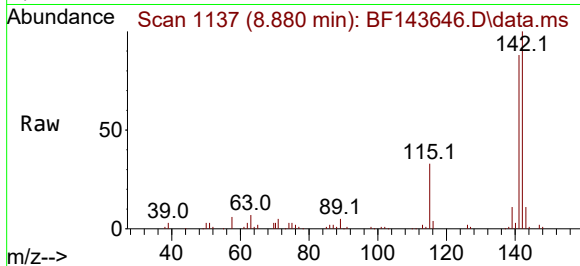
#37
2-Methylnaphthalene
Concen: 7.132 ng
RT: 8.880 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:142 Resp: 6836
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2

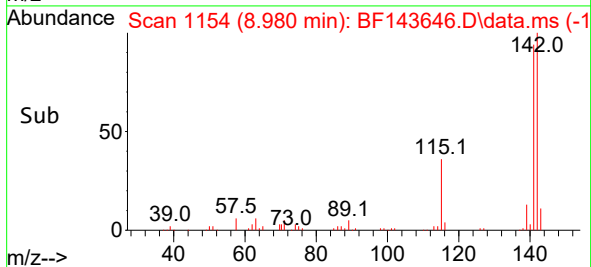
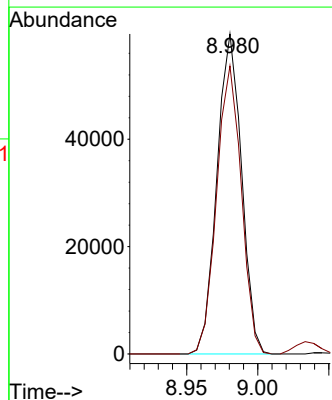
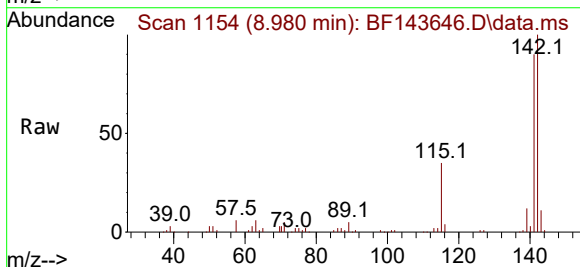
Manual Integrations
APPROVED

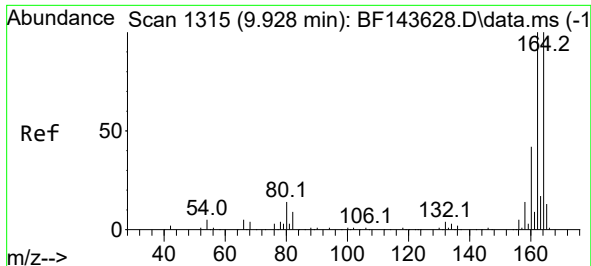
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#38
1-Methylnaphthalene
Concen: 7.837 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Tgt Ion:142 Resp: 71820
Ion Ratio Lower Upper
142 100
141 90.0 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: BF143646.D

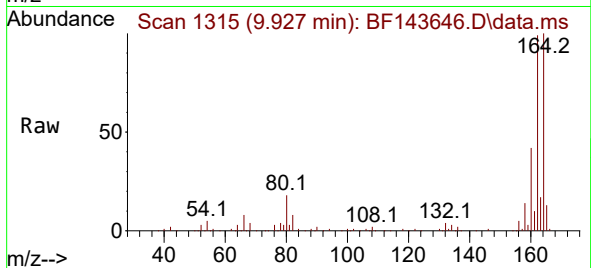
Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



Tgt Ion:164 Resp: 166088

Ion Ratio Lower Upper

164 100

162 99.2 80.3 120.5

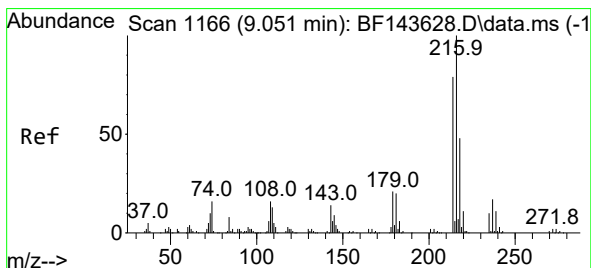
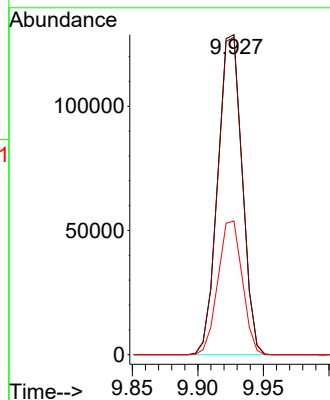
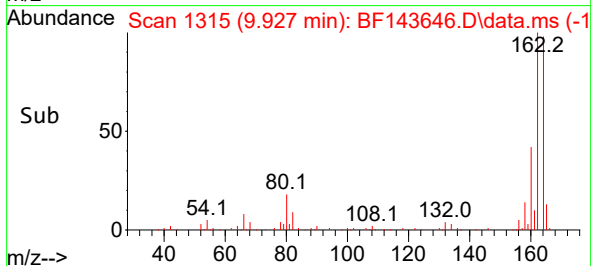
160 41.7 34.0 51.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.032 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Tgt Ion:216 Resp: 36867

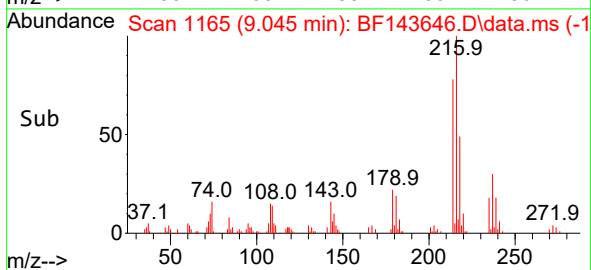
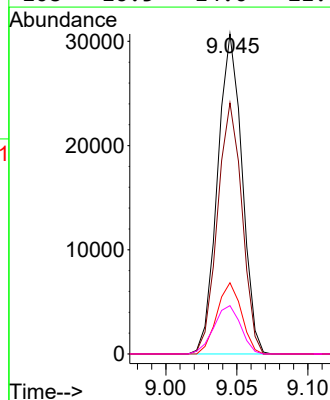
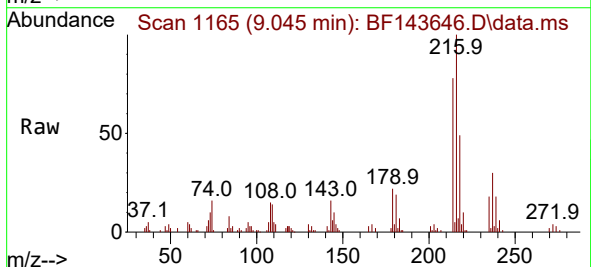
Ion Ratio Lower Upper

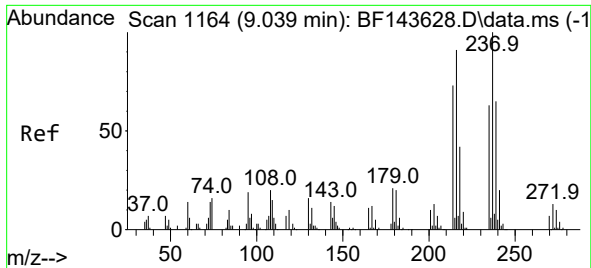
216 100

214 78.2 63.3 94.9

179 22.2 17.2 25.8

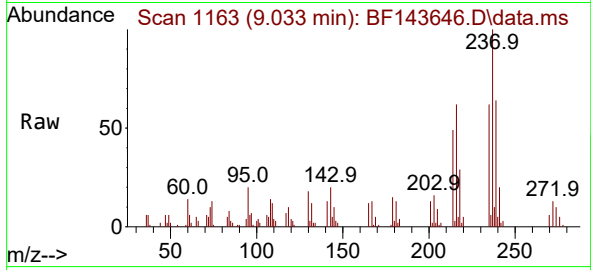
108 16.5 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 9.682 ng
RT: 9.033 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

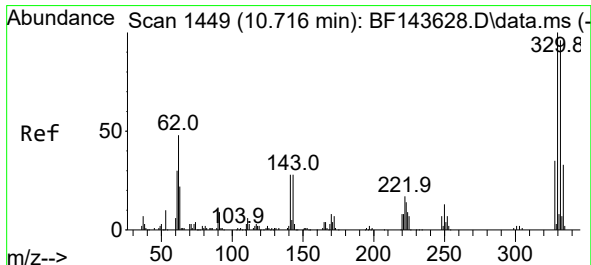
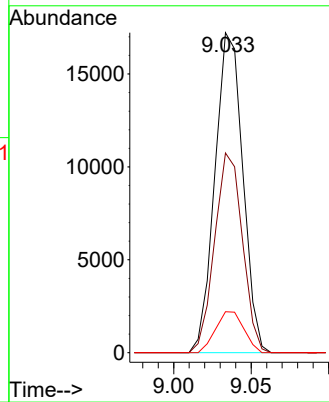
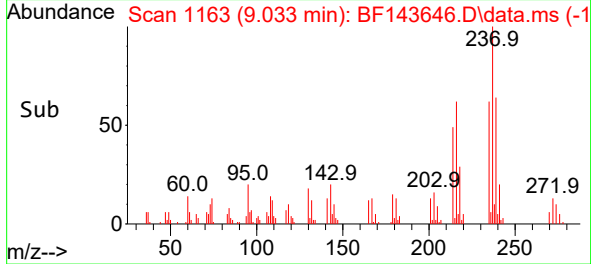
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 237 Resp: 2158
Ion Ratio Lower Upper
237 100
235 62.4 43.0 83.0
272 12.8 0.0 32.9

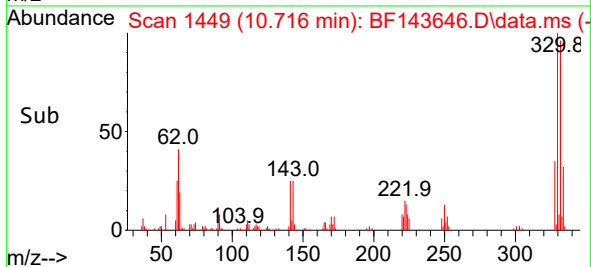
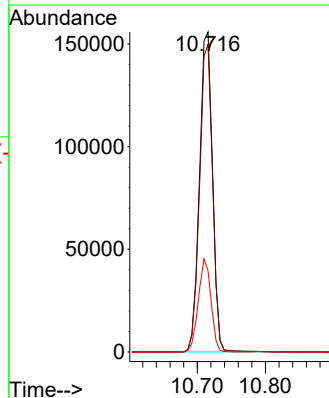
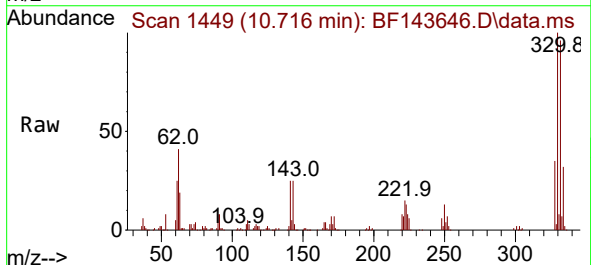
Manual Integrations
APPROVED

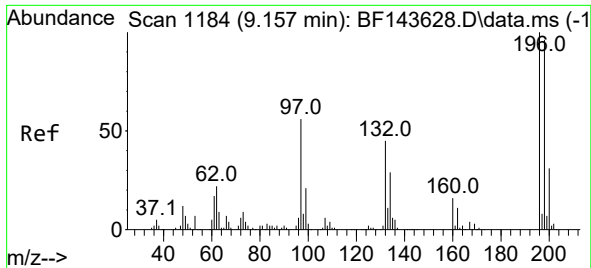
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#42
2,4,6-Tribromophenol
Concen: 148.611 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Tgt Ion: 330 Resp: 206402
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 28.1 23.5 35.3





#43

2,4,6-Trichlorophenol

Concen: 8.170 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

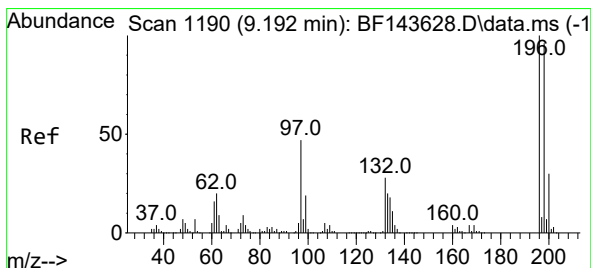
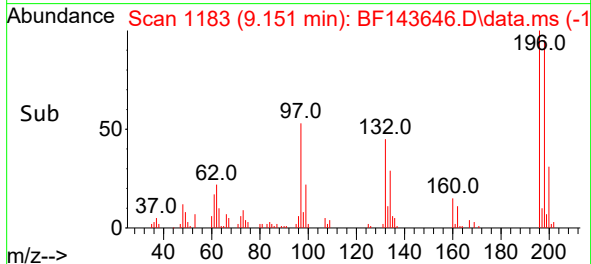
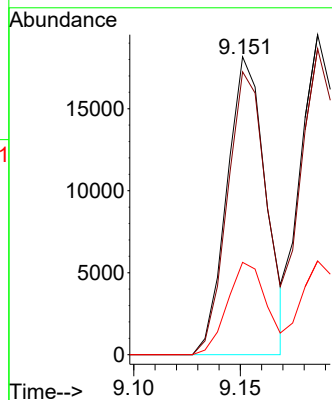
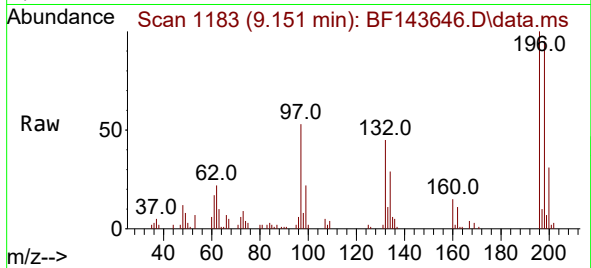
Tgt Ion:196	Resp:	2310
Ion Ratio	Lower	Upper
196	100	
198	94.9	77.1 115.7
200	31.0	24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#44

2,4,5-Trichlorophenol

Concen: 8.356 ng

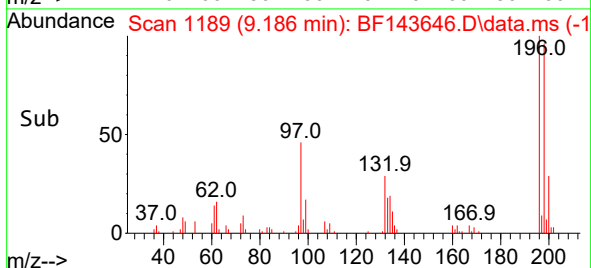
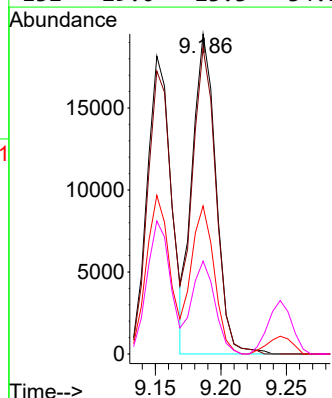
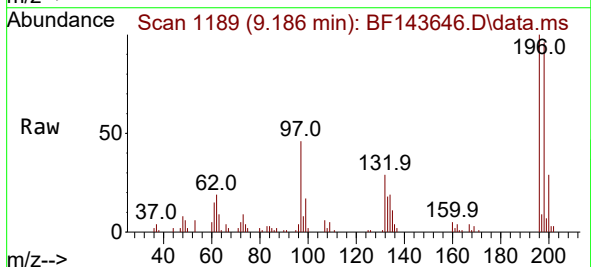
RT: 9.186 min Scan# 1189

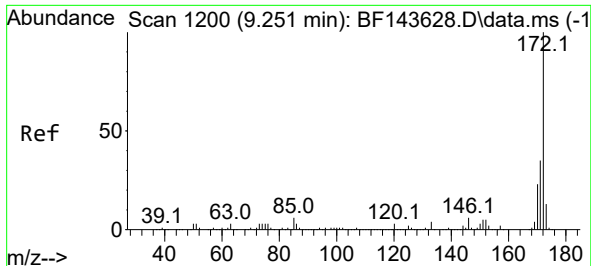
Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Tgt Ion:196	Resp:	24397
Ion Ratio	Lower	Upper
196	100	
198	95.7	76.6 115.0
97	46.2	38.2 57.2
132	29.0	23.3 34.9





#45

2-Fluorobiphenyl

Concen: 86.030 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143646.D

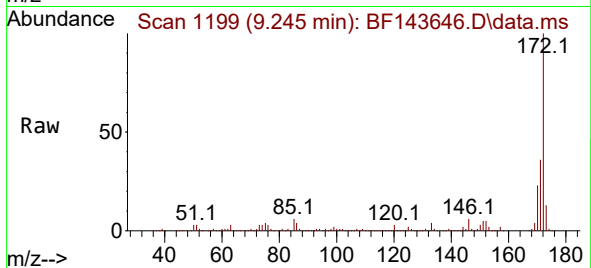
Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



Tgt Ion:172 Resp: 89434

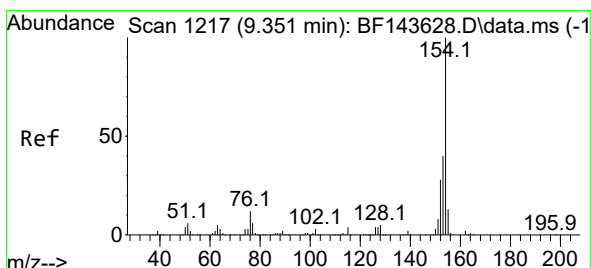
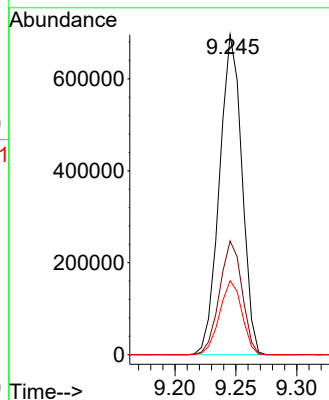
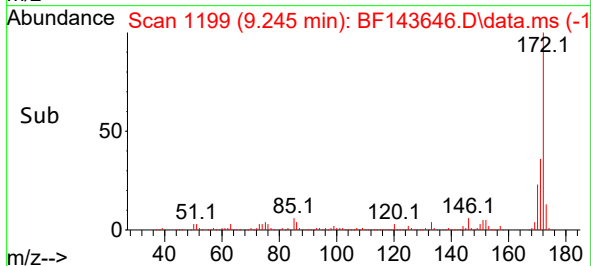
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	23.1	18.6	28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#46

1,1'-Biphenyl

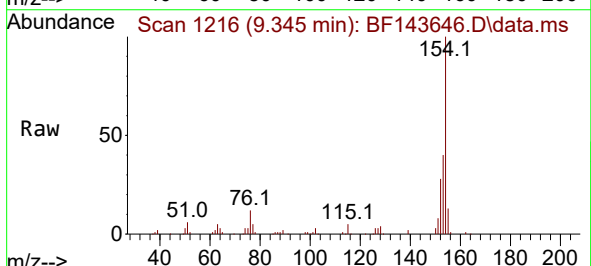
Concen: 8.139 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

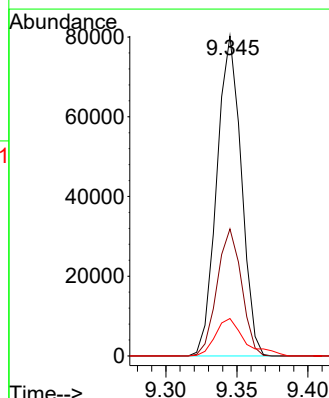
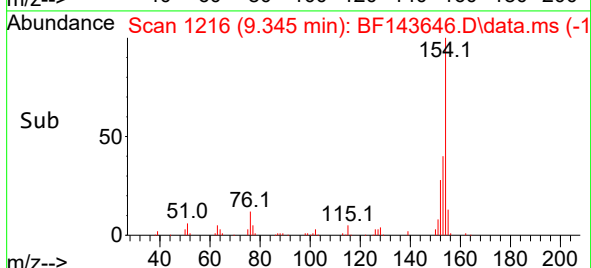
Lab File: BF143646.D

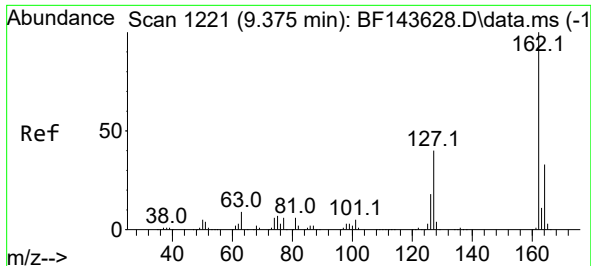
Acq: 04 Sep 2025 16:12



Tgt Ion:154 Resp: 96135

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.1	60.1
76	11.7	0.0	31.9





#47

2-Chloronaphthalene

Concen: 7.823 ng

RT: 9.369 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF143646.D

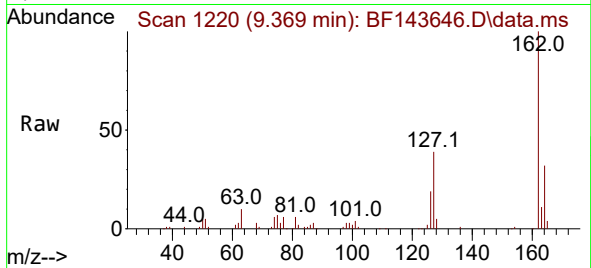
Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



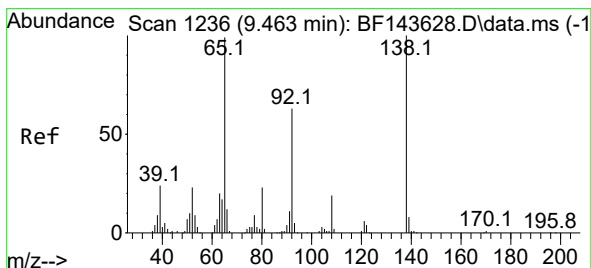
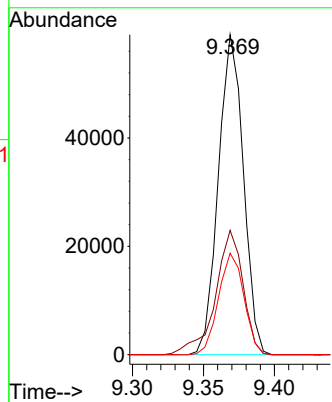
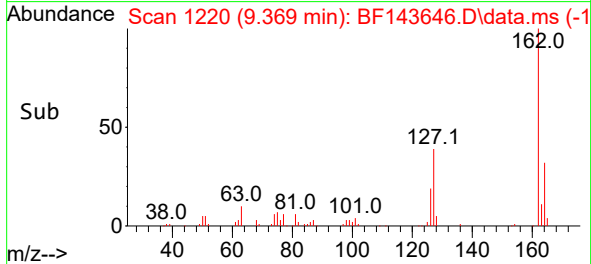
Tgt Ion:	162	Resp:	7231
Ion Ratio	Lower	Upper	
162	100		
127	38.8	31.9	47.9
164	31.7	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#48

2-Nitroaniline

Concen: 9.727 ng

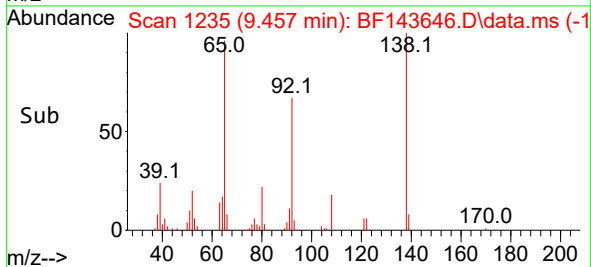
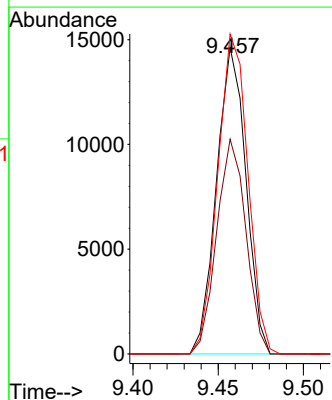
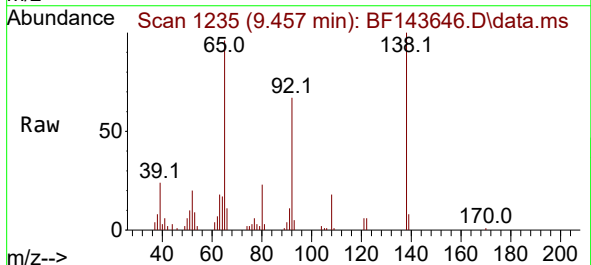
RT: 9.457 min Scan# 1235

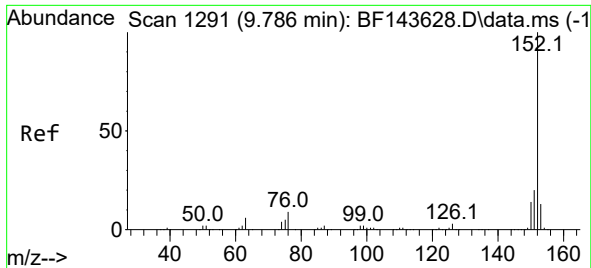
Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

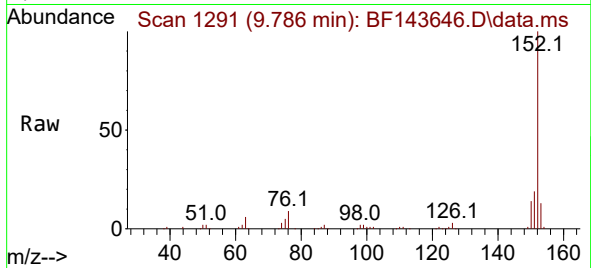
Tgt Ion:	65	Resp:	17594
Ion Ratio	Lower	Upper	
65	100		
92	70.0	50.9	76.3
138	104.4	80.6	120.8





#49
Acenaphthylene
Concen: 8.882 ng
RT: 9.786 min Scan# 118334
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

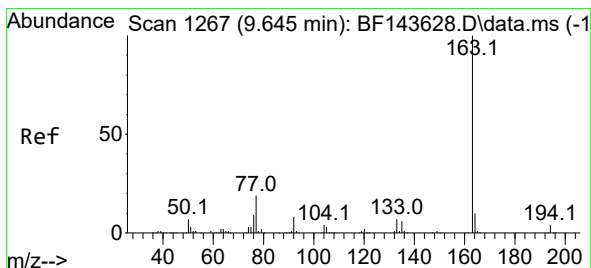
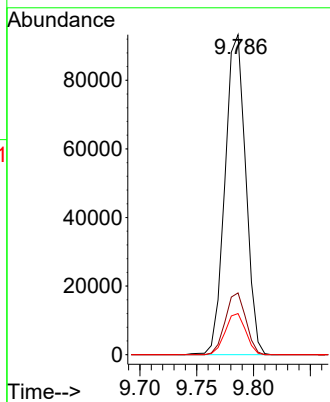
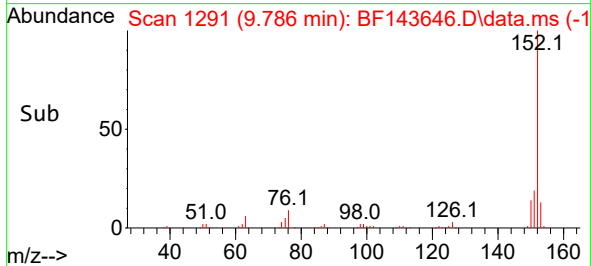
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



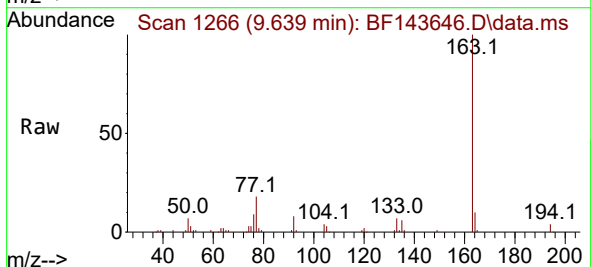
Tgt Ion:152 Resp: 118334
Ion Ratio Lower Upper
152 100
151 19.3 16.1 24.1
153 12.9 10.6 15.8

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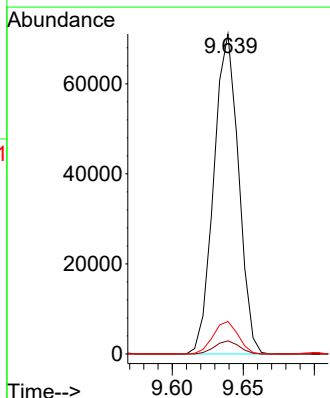
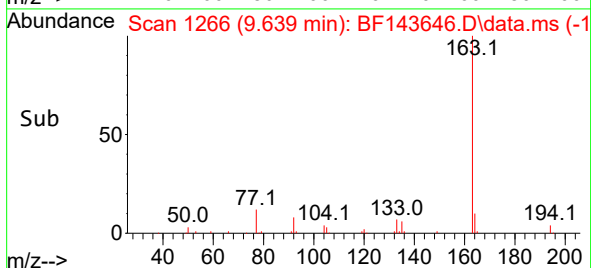
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

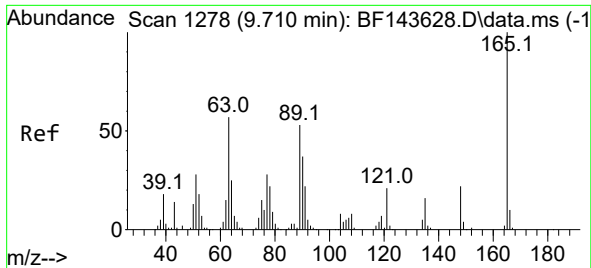


#50
Dimethylphthalate
Concen: 8.191 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12



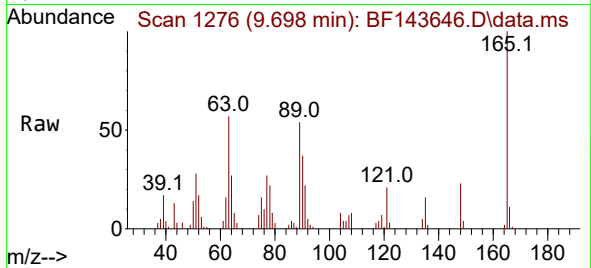
Tgt Ion:163 Resp: 86143
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 11.491 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

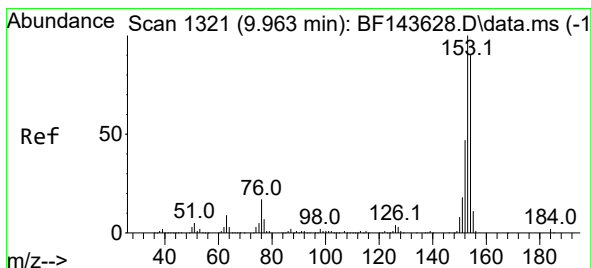
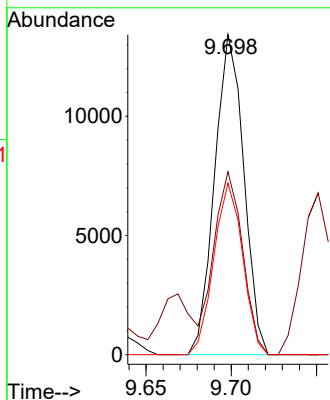
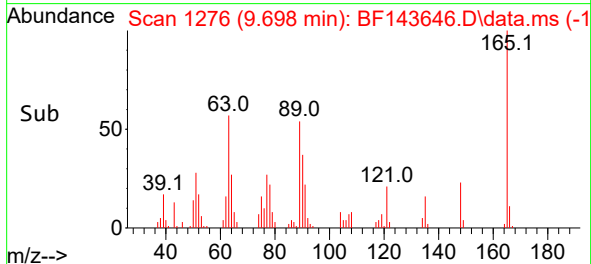
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion:165 Resp: 1599
Ion Ratio Lower Upper
165 100
63 57.1 45.4 68.0
89 53.6 42.1 63.1

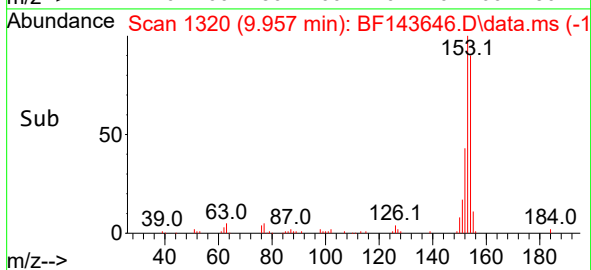
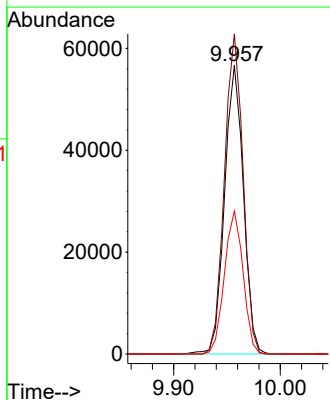
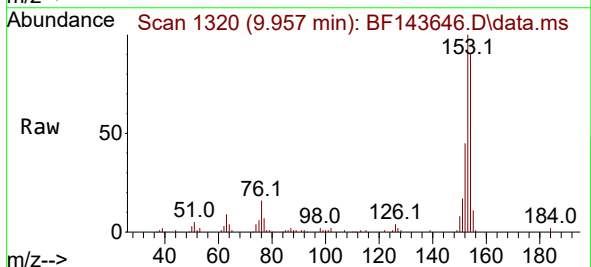
Manual Integrations
APPROVED

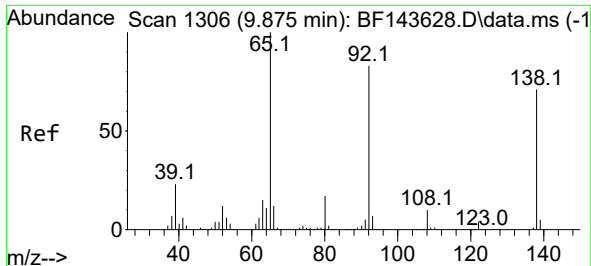
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#52
Acenaphthene
Concen: 7.815 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

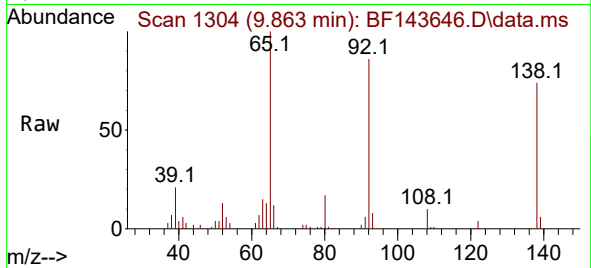
Tgt Ion:154 Resp: 69643
Ion Ratio Lower Upper
154 100
153 110.9 88.6 132.8
152 49.6 41.8 62.8





#53
3-Nitroaniline
Concen: 10.791 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.012 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

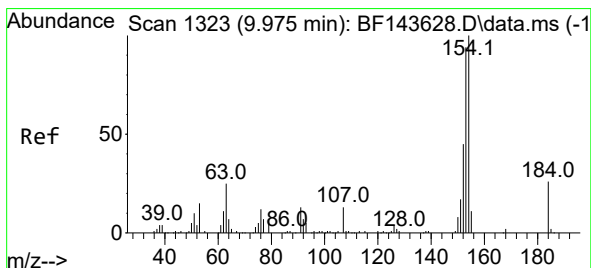
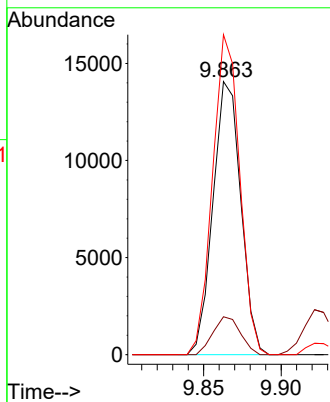
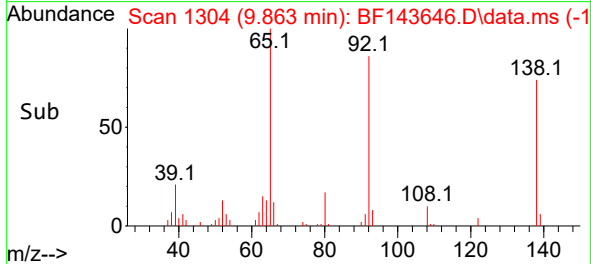
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:138 Resp: 1758
Ion Ratio Lower Upper
138 100
108 13.9 10.7 16.1
92 117.1 93.4 140.2

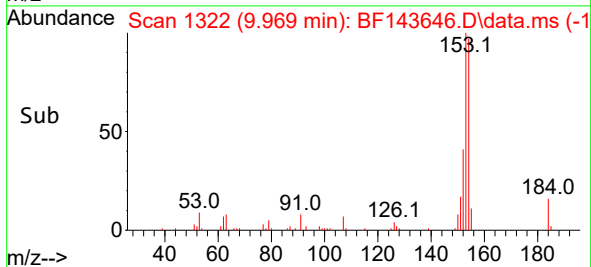
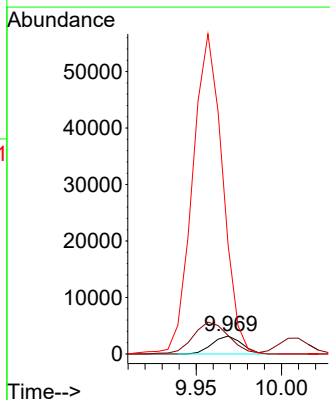
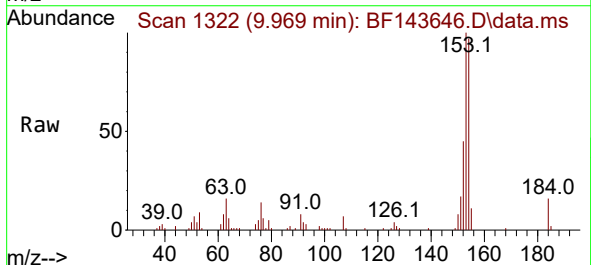
Manual Integrations
APPROVED

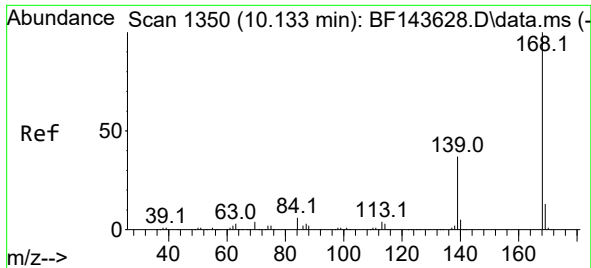
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#54
2,4-Dinitrophenol
Concen: 12.475 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

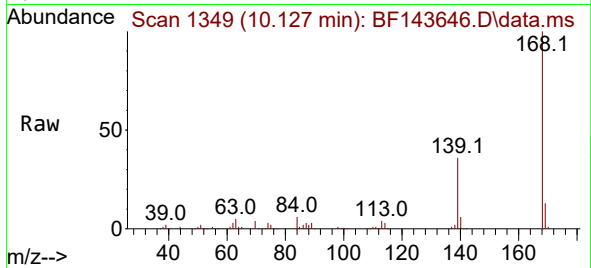
Tgt Ion:184 Resp: 3827
Ion Ratio Lower Upper
184 100
63 101.9 81.8 122.8
154 604.8 348.3 522.5#





#55
Dibenzofuran
Concen: 8.090 ng
RT: 10.127 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

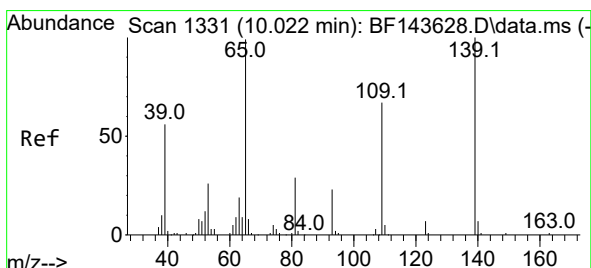
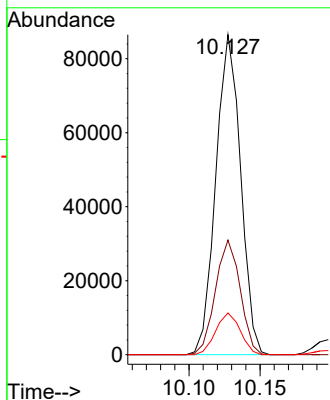
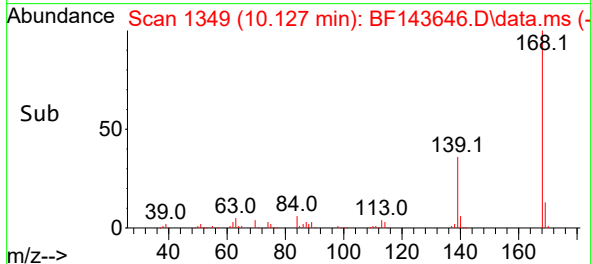
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



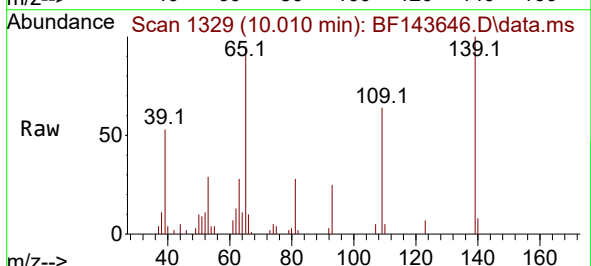
Tgt Ion:168 Resp: 104730
Ion Ratio Lower Upper
168 100
139 35.8 29.8 44.8
169 13.0 10.6 16.0

Manual Integrations
APPROVED

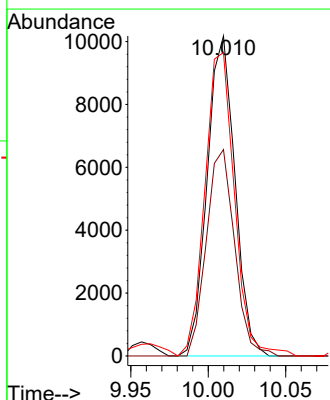
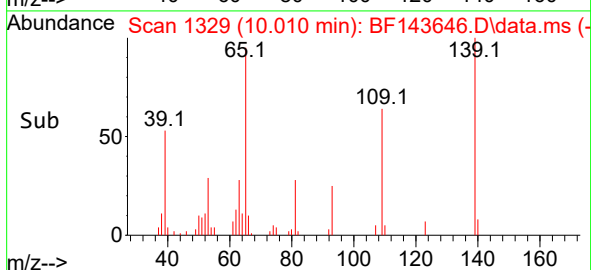
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

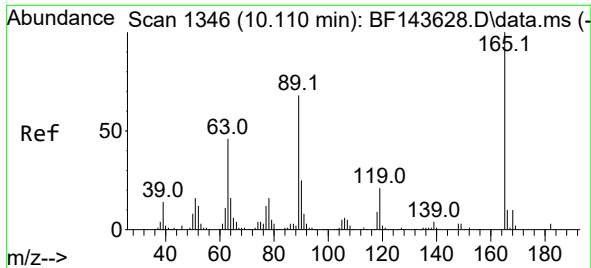


#56
4-Nitrophenol
Concen: 8.141 ng
RT: 10.010 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12



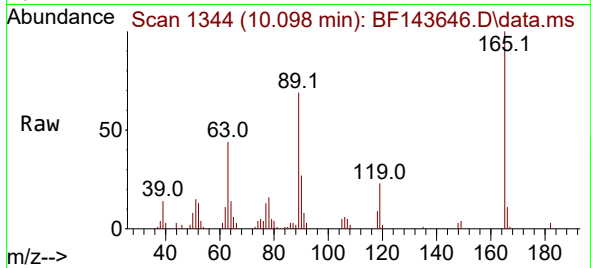
Tgt Ion:139 Resp: 12695
Ion Ratio Lower Upper
139 100
109 64.5 47.6 87.6
65 94.8 80.5 120.5





#57
2,4-Dinitrotoluene
Concen: 10.884 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

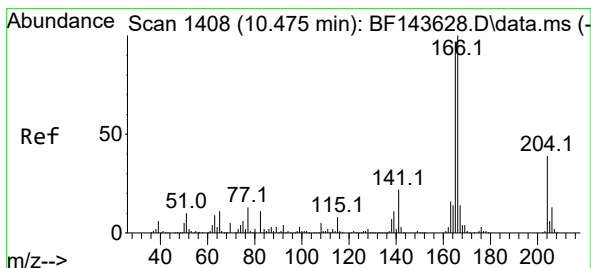
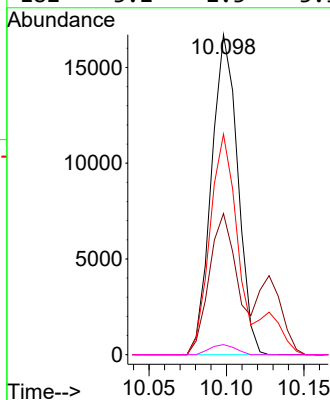
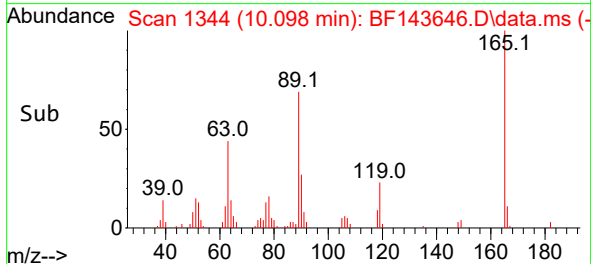
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



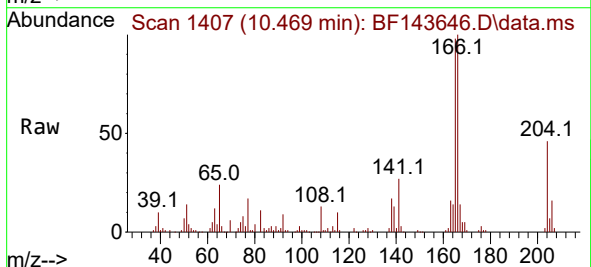
Tgt Ion:165 Resp: 1975
Ion Ratio Lower Upper
165 100
63 44.1 37.0 55.6
89 68.9 54.1 81.1
182 3.2 2.3 3.5

Manual Integrations
APPROVED

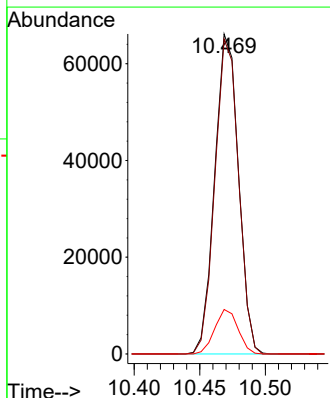
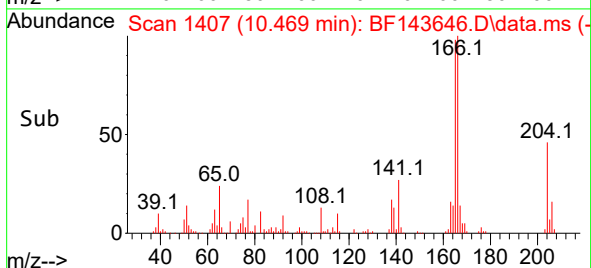
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

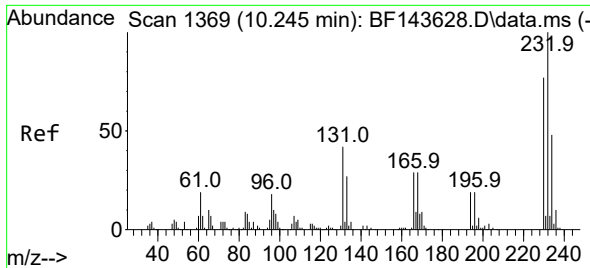


#58
Fluorene
Concen: 8.309 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12



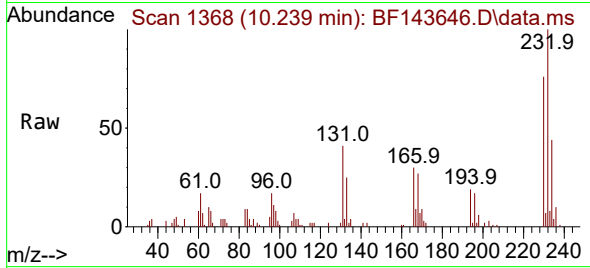
Tgt Ion:166 Resp: 83208
Ion Ratio Lower Upper
166 100
165 98.4 77.6 116.4
167 13.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.588 ng m
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

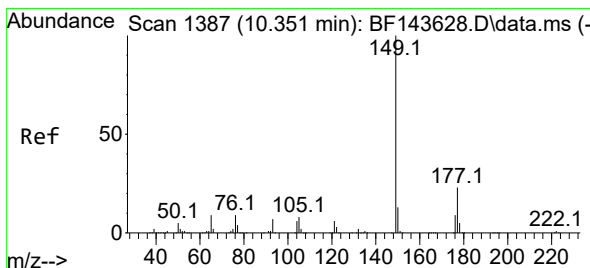
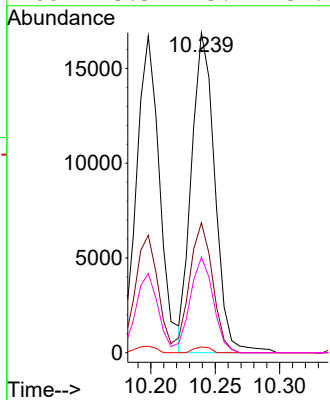
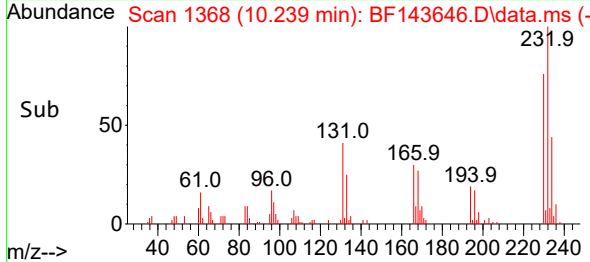
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:232 Resp: 21259
Ion Ratio Lower Upper
232 100
131 35.7 33.7 50.5
130 1.7 1.5 2.3
166 23.5 23.2 34.8

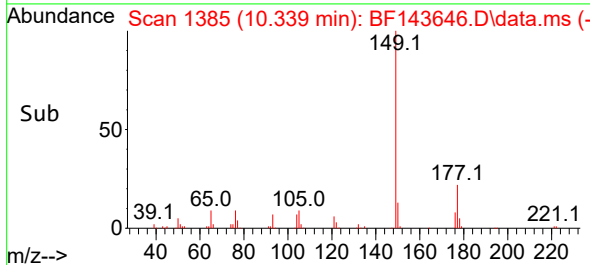
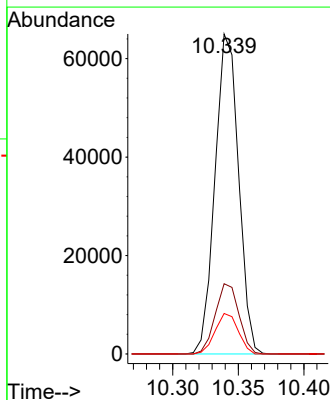
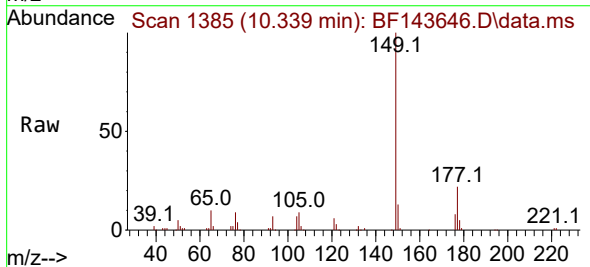
Manual Integrations
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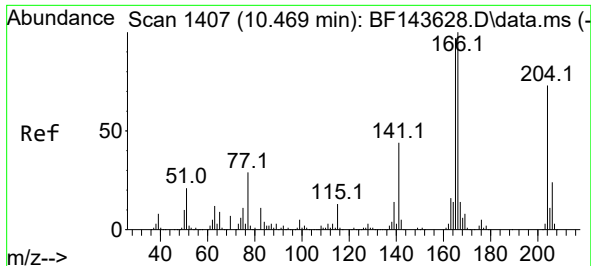
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#60
Diethylphthalate
Concen: 8.123 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

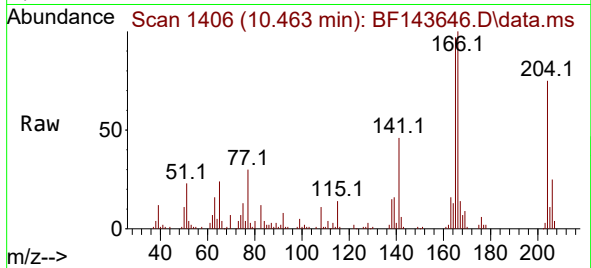
Tgt Ion:149 Resp: 81104
Ion Ratio Lower Upper
149 100
177 22.0 18.6 28.0
150 12.7 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 8.076 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

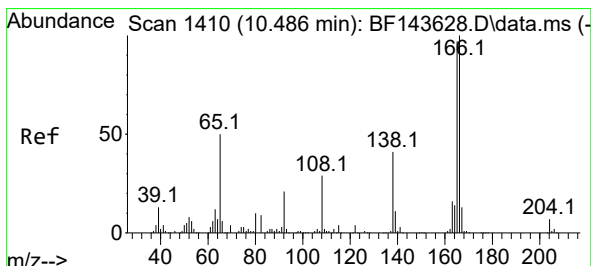
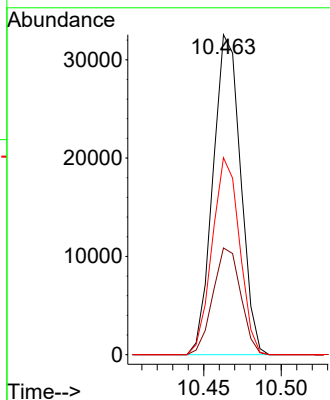
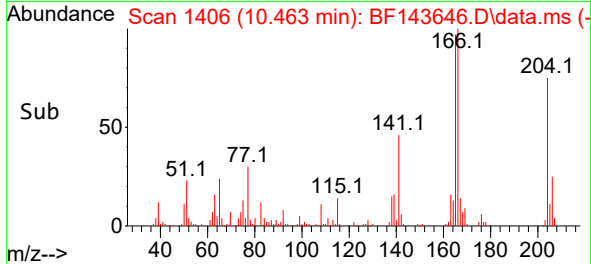
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



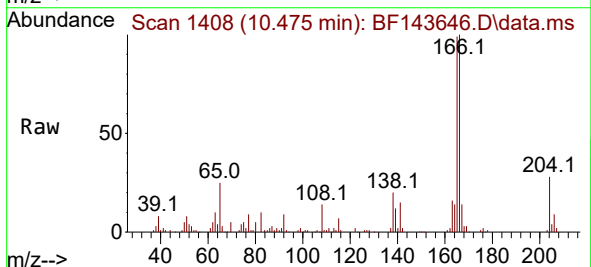
Tgt Ion:204 Resp: 40350
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 61.6 47.8 71.6

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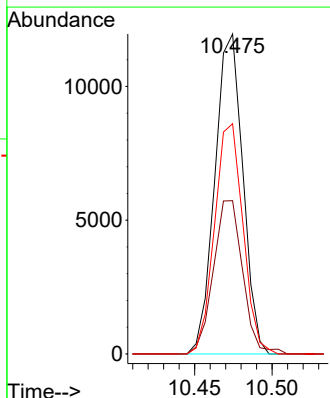
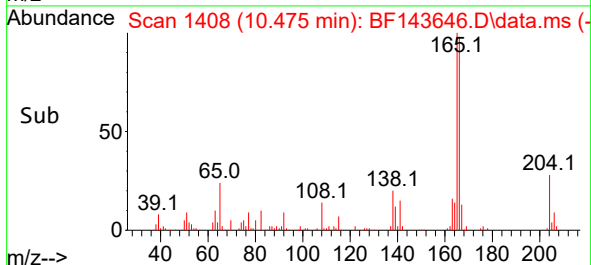
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

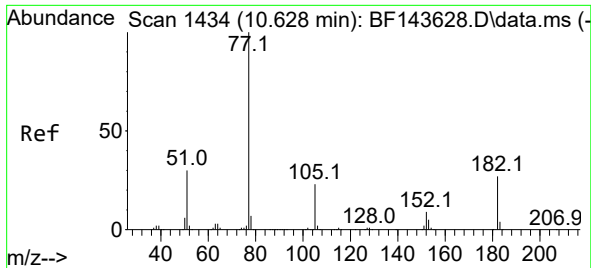


#62
4-Nitroaniline
Concen: 9.659 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.011 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12



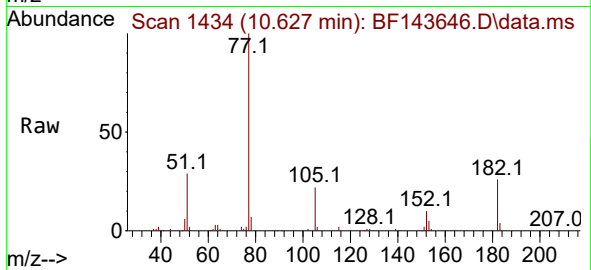
Tgt Ion:138 Resp: 15029
Ion Ratio Lower Upper
138 100
92 47.9 30.5 70.5
108 72.0 49.1 89.1





#63
Azobenzene
Concen: 8.121 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

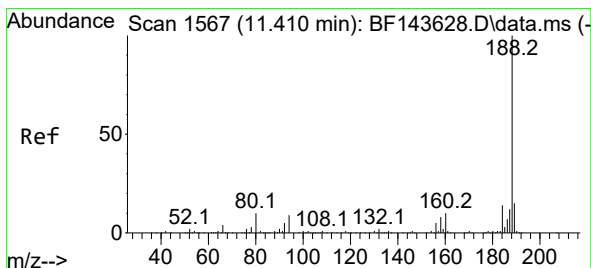
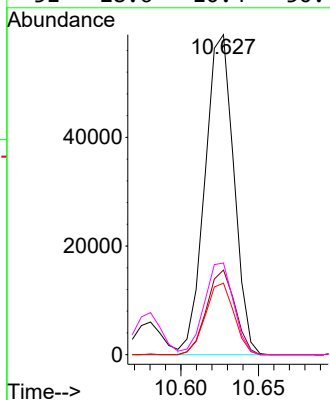
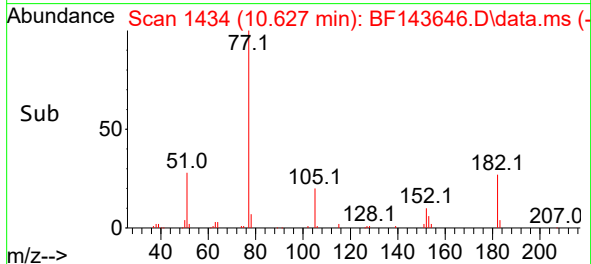
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



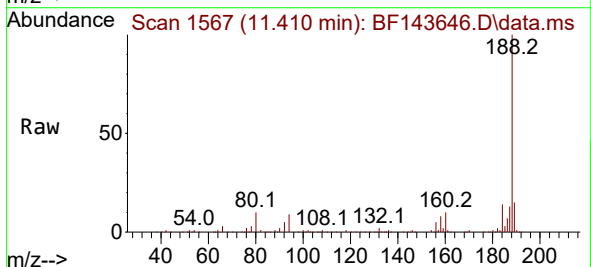
Tgt Ion: 77 Resp: 76430
Ion Ratio Lower Upper
77 100
182 26.5 6.8 46.8
105 22.3 2.8 42.8
51 28.6 10.4 50.4

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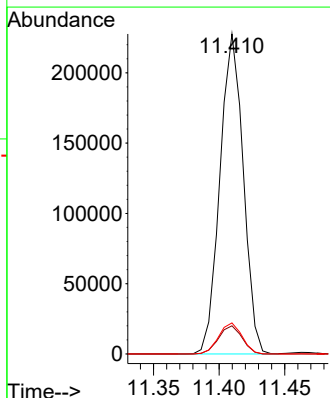
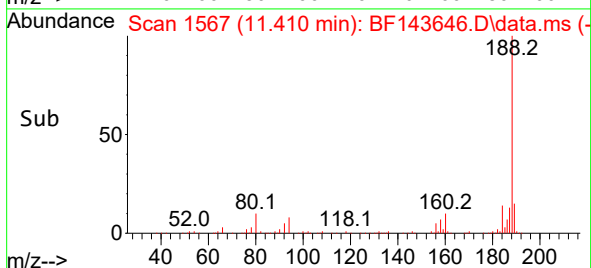
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

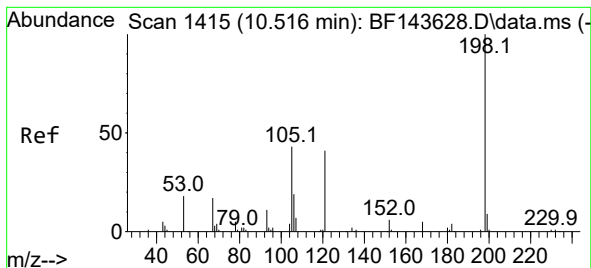


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12



Tgt Ion:188 Resp: 281702
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 9.7 8.4 12.6





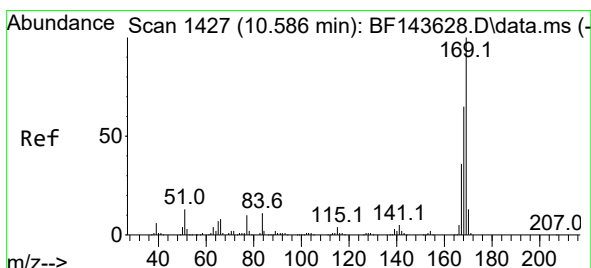
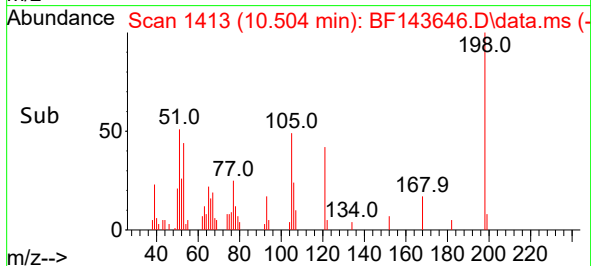
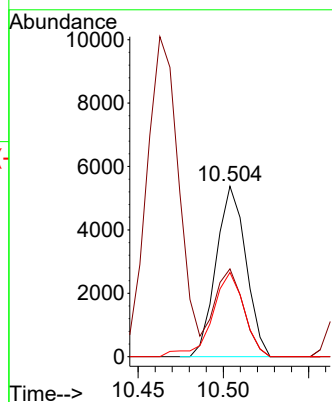
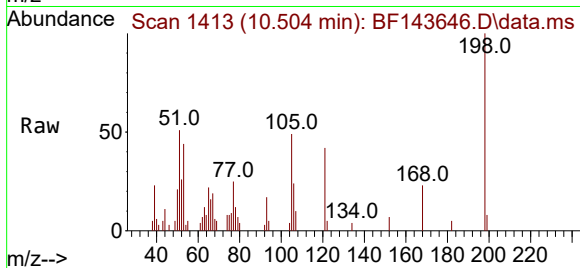
#65
4,6-Dinitro-2-methylphenol
Concen: 13.024 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:198 Resp: 652
Ion Ratio Lower Upper
198 100
51 51.5 30.7 70.7
105 49.4 26.0 66.0

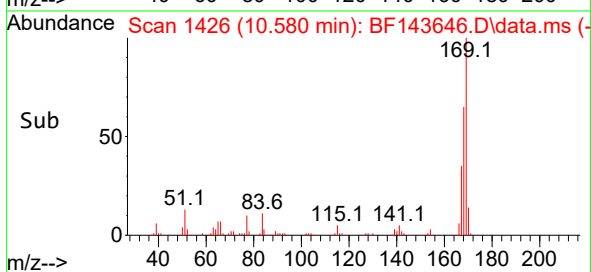
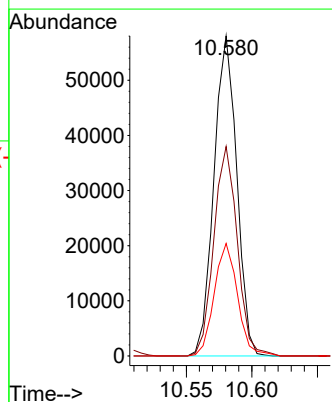
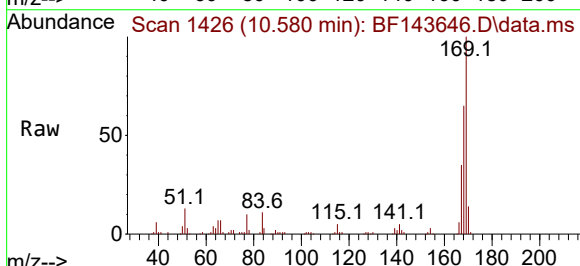
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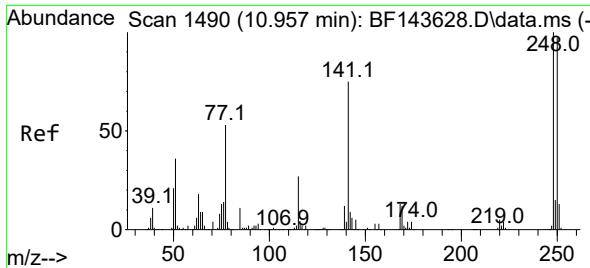
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#66
n-Nitrosodiphenylamine
Concen: 7.725 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Tgt Ion:169 Resp: 70236
Ion Ratio Lower Upper
169 100
168 65.5 52.2 78.4
167 35.2 28.5 42.7





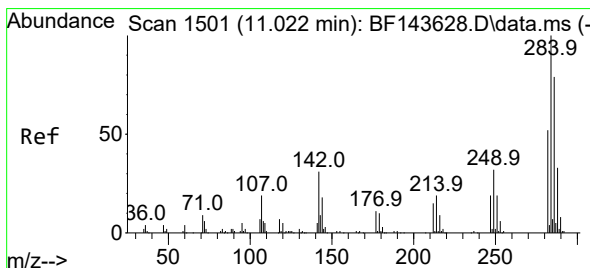
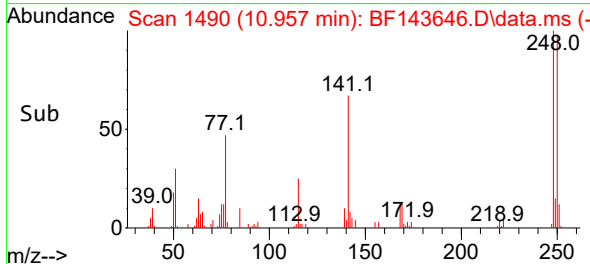
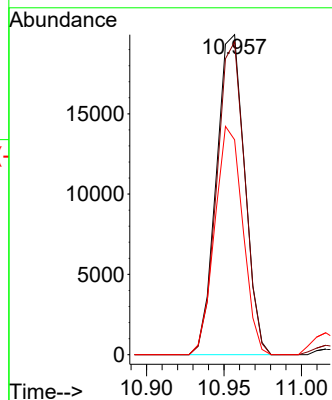
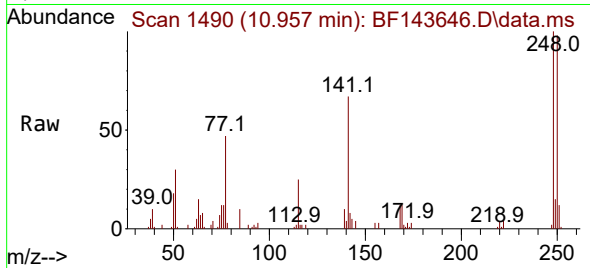
#67
4-Bromophenyl-phenylether
Concen: 7.778 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion:248 Resp: 25412
Ion Ratio Lower Upper
248 100
250 97.8 77.6 116.4
141 67.2 60.1 90.1

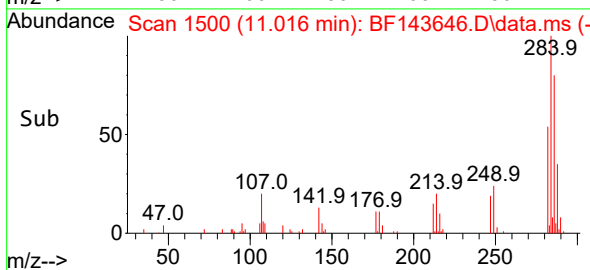
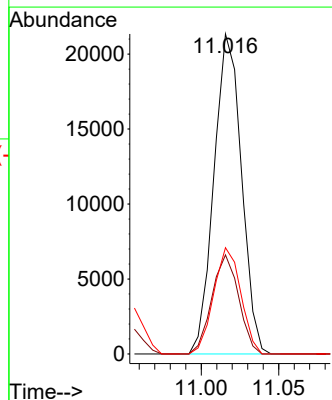
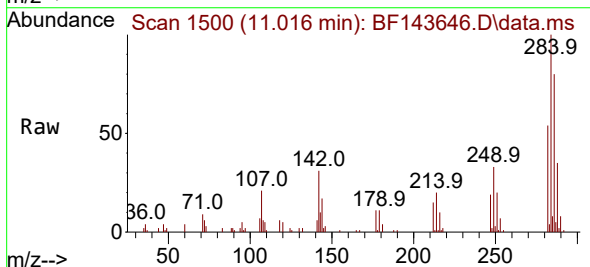
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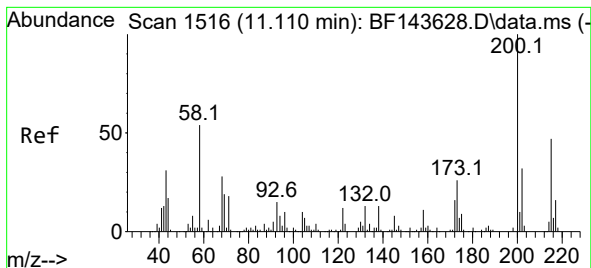
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#68
Hexachlorobenzene
Concen: 7.676 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Tgt Ion:284 Resp: 26344
Ion Ratio Lower Upper
284 100
142 30.9 24.7 37.1
249 33.2 25.4 38.2





#69

Atrazine

Concen: 7.986 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

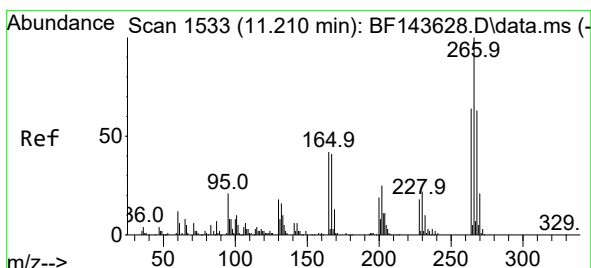
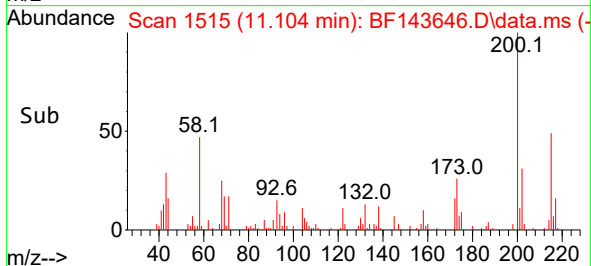
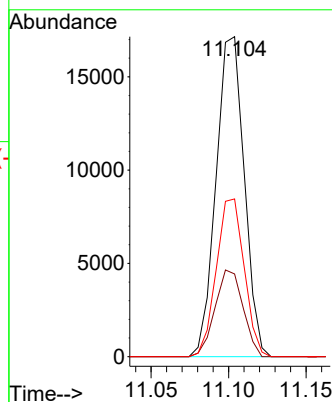
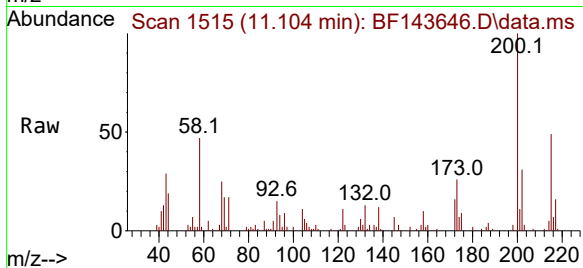
Tgt Ion:200 Resp: 2170
 Ion Ratio Lower Upper
 200 100
 173 25.8 6.4 46.4
 215 49.3 26.9 66.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#70

Pentachlorophenol

Concen: 7.274 ng

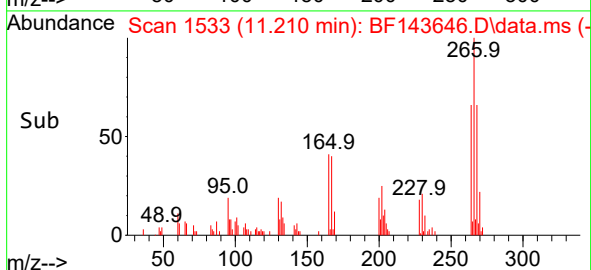
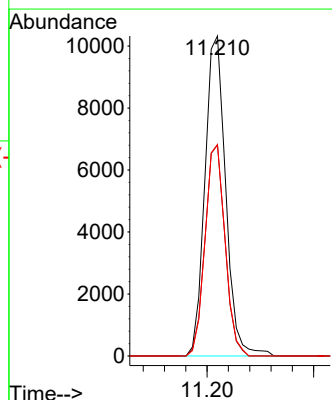
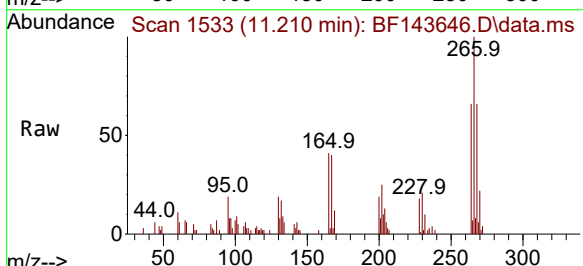
RT: 11.210 min Scan# 1533

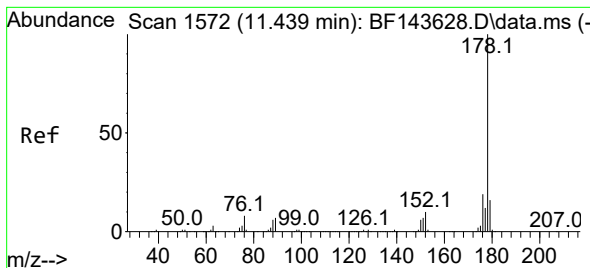
Delta R.T. -0.000 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Tgt Ion:266 Resp: 14023
 Ion Ratio Lower Upper
 266 100
 268 66.0 50.6 76.0
 264 66.1 51.2 76.8





#71

Phenanthrene

Concen: 7.938 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

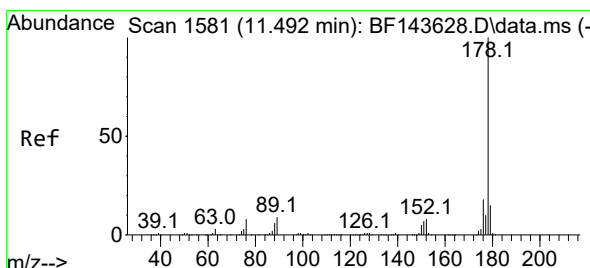
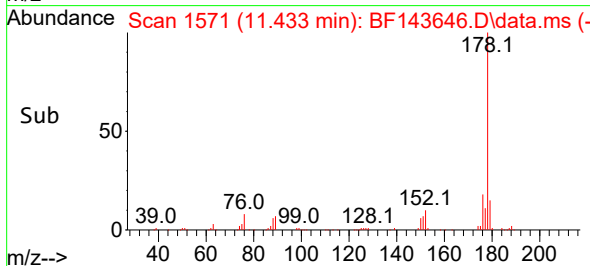
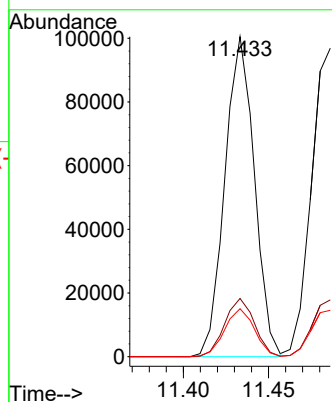
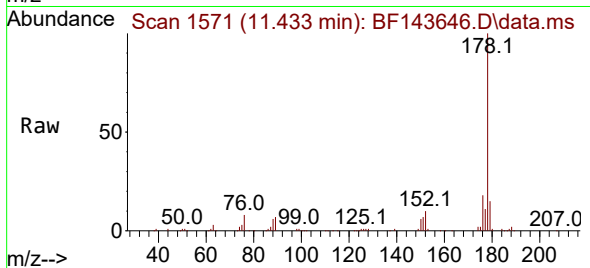
Tgt Ion:178	Resp: 12091
Ion Ratio	Lower Upper
178	100
176	18.2 15.4 23.2
179	15.0 12.4 18.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#72

Anthracene

Concen: 7.970 ng

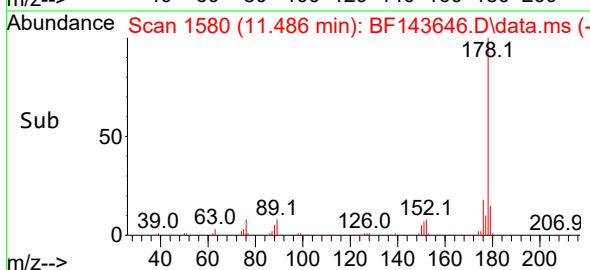
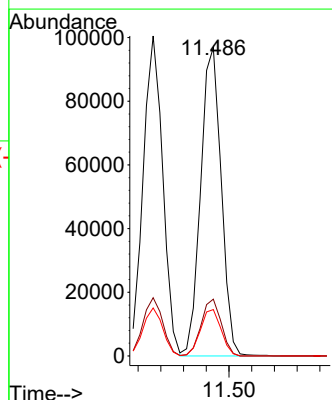
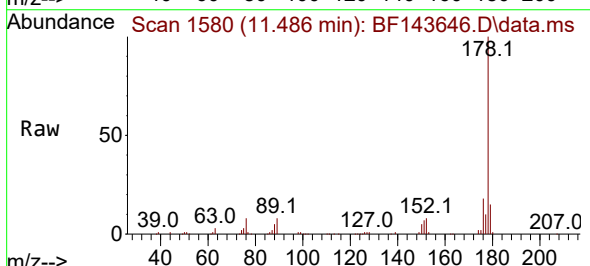
RT: 11.486 min Scan# 1580

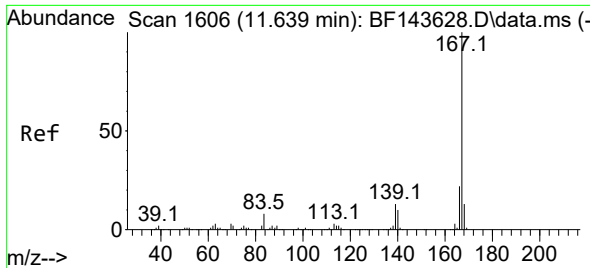
Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

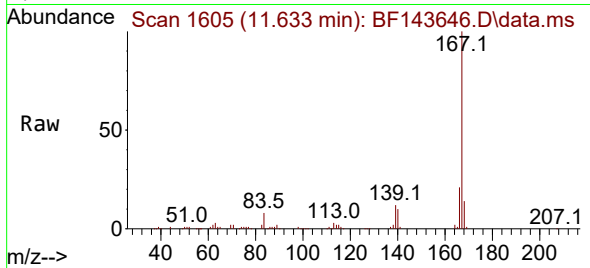
Tgt Ion:178	Resp: 121768
Ion Ratio	Lower Upper
178	100
176	18.4 14.6 22.0
179	15.0 12.3 18.5





#73
 Carbazole
 Concen: 8.211 ng
 RT: 11.633 min Scan# 1605
 Delta R.T. -0.006 min
 Lab File: BF143646.D
 Acq: 04 Sep 2025 16:12

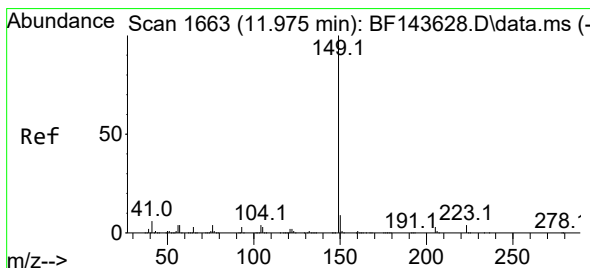
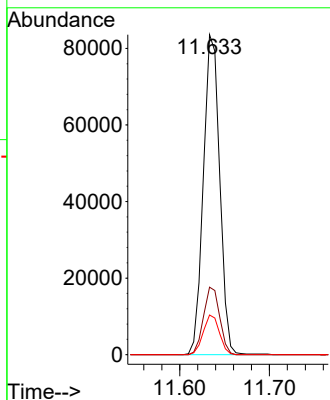
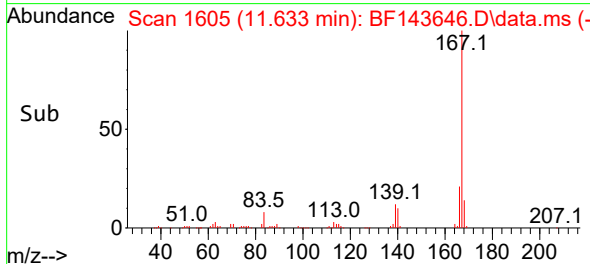
Instrument : BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025



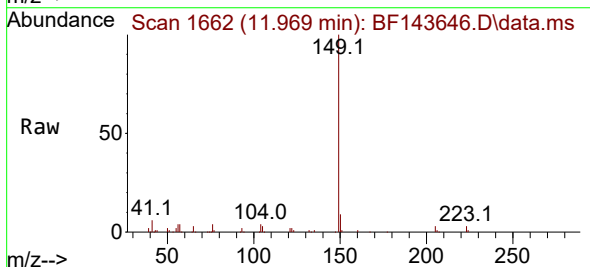
Tgt Ion:167 Resp: 105734
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.3 25.9
 139 12.4 10.3 15.5

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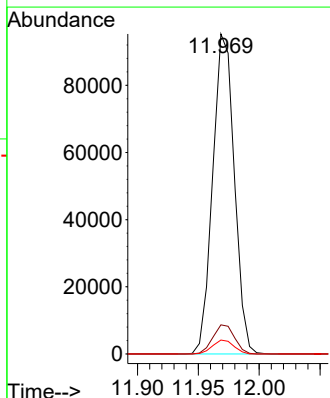
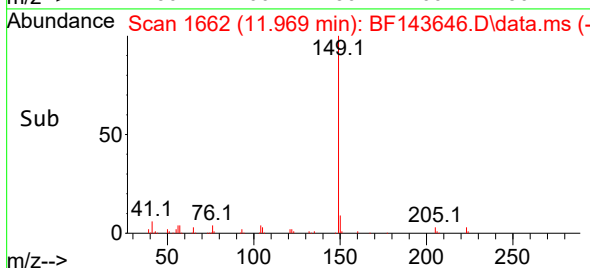
Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025

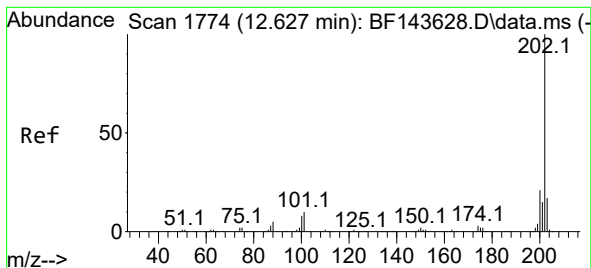


#74
 Di-n-butylphthalate
 Concen: 8.139 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. -0.006 min
 Lab File: BF143646.D
 Acq: 04 Sep 2025 16:12



Tgt Ion:149 Resp: 117672
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 8.508 ng

RT: 12.621 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion:202 Resp: 119020

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.3

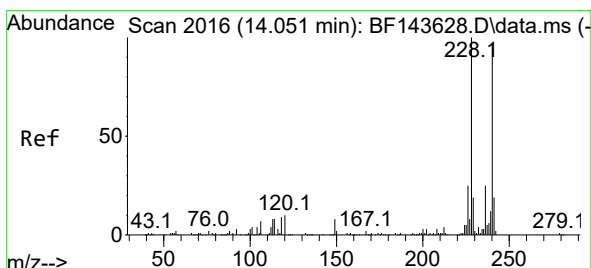
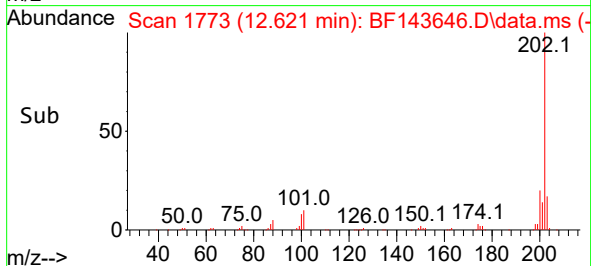
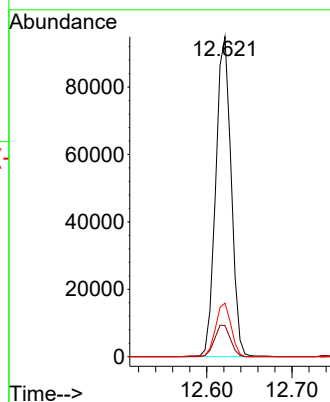
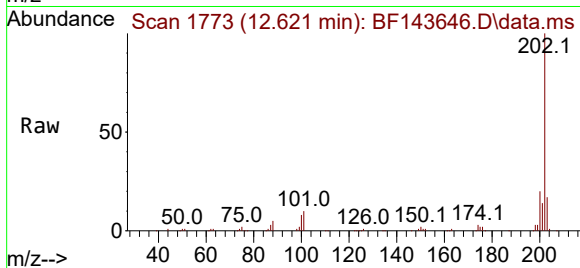
203 16.7 0.0 37.3

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: BF143646.D

Acq: 04 Sep 2025 16:12

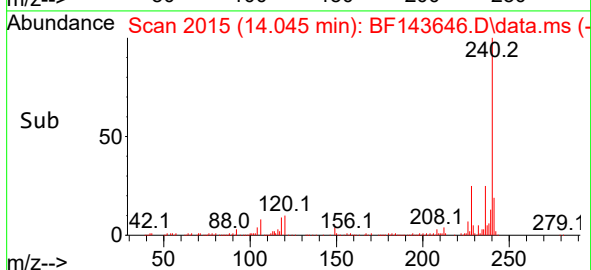
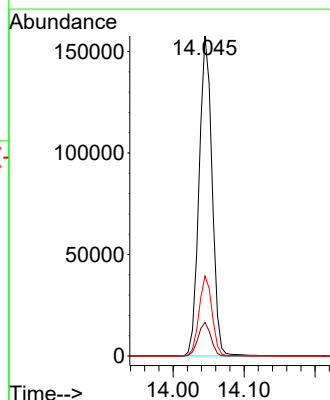
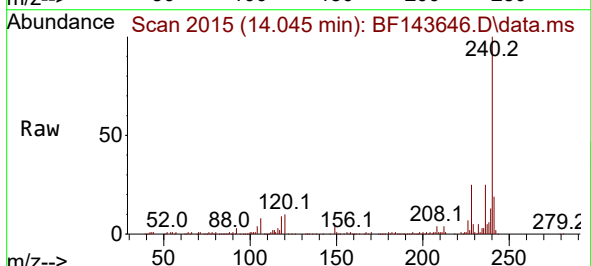
Tgt Ion:240 Resp: 201053

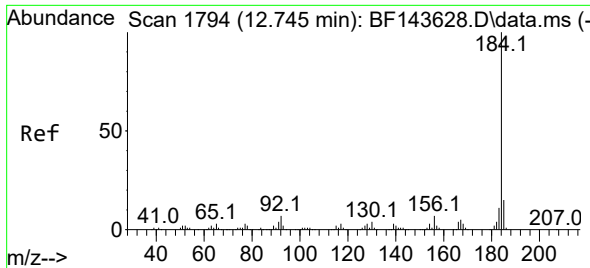
Ion Ratio Lower Upper

240 100

120 10.5 8.0 12.0

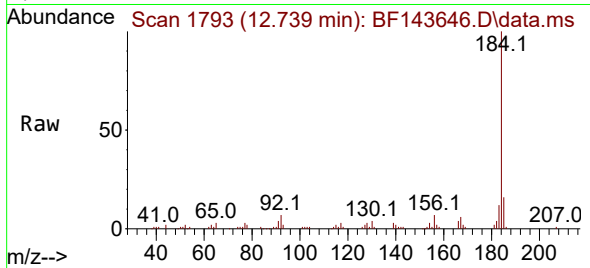
236 25.0 20.5 30.7





#77
Benzidine
Concen: 11.809 ng
RT: 12.739 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

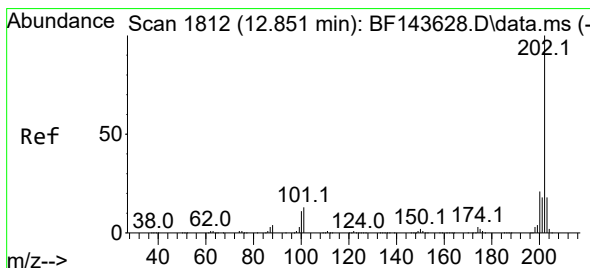
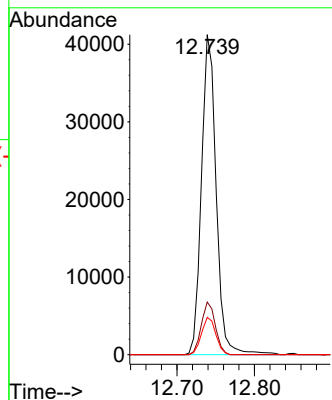
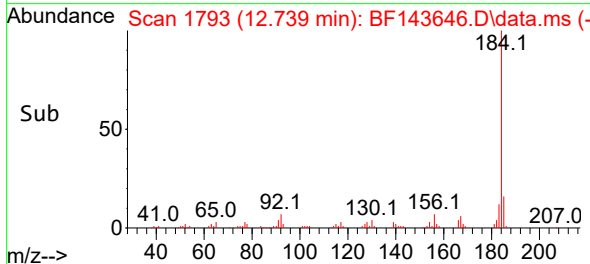
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:184 Resp: 54320
Ion Ratio Lower Upper
184 100
185 16.4 11.8 17.6
183 11.6 9.0 13.6

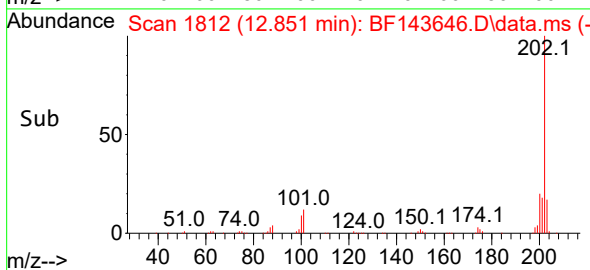
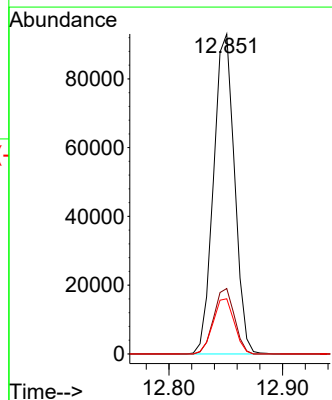
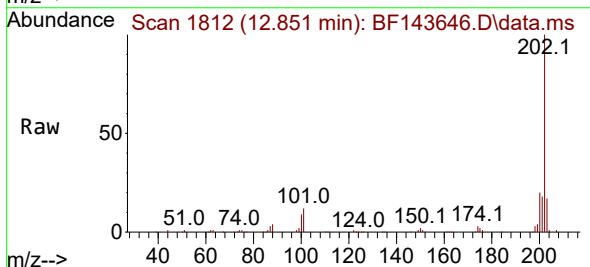
Manual Integrations
APPROVED

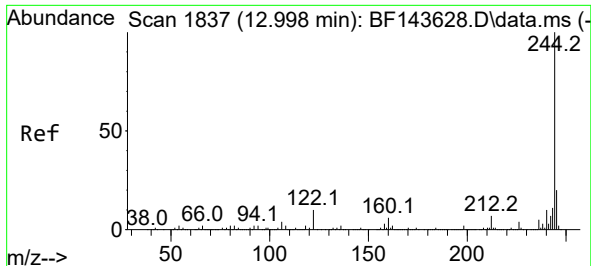
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#78
Pyrene
Concen: 7.193 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

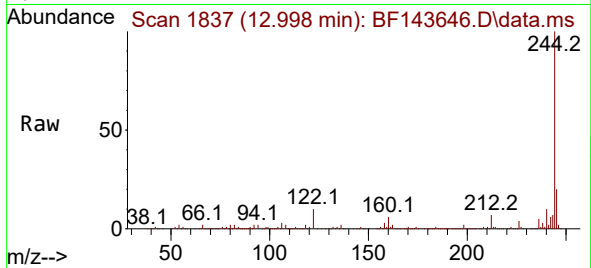
Tgt Ion:202 Resp: 119341
Ion Ratio Lower Upper
202 100
200 20.4 16.7 25.1
203 17.3 14.0 21.0





#79
 Terphenyl-d14
 Concen: 84.160 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143646.D
 Acq: 04 Sep 2025 16:12

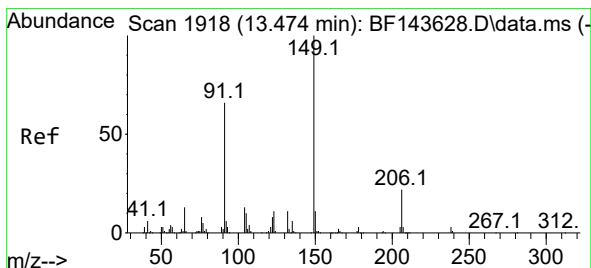
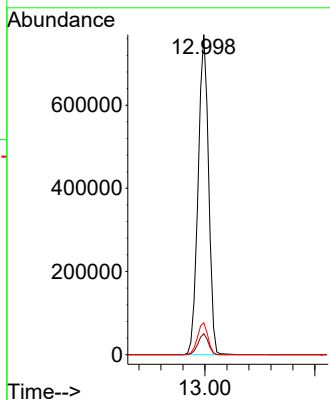
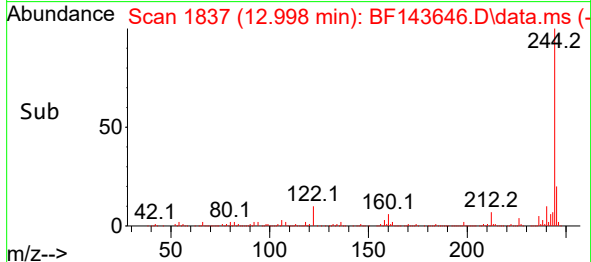
Instrument : BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025



Tgt Ion:244 Resp: 1015504
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 9.9 8.3 12.5

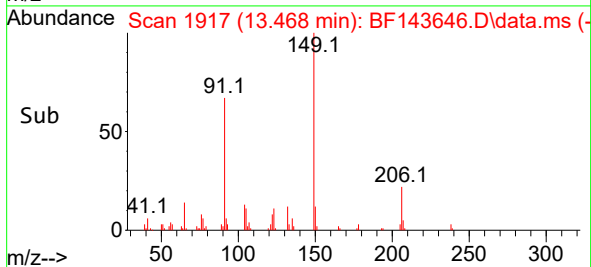
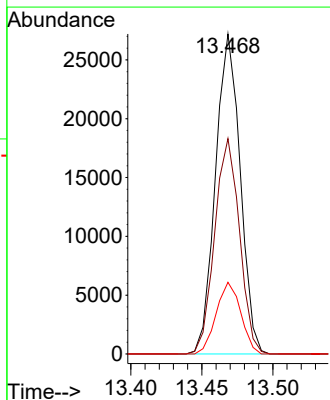
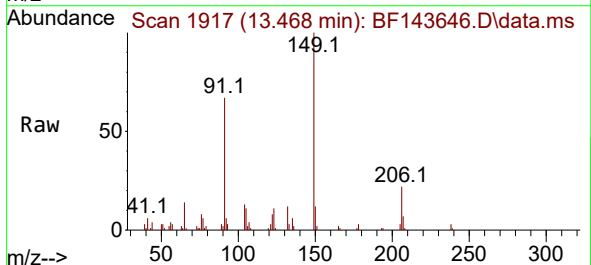
Manual Integrations
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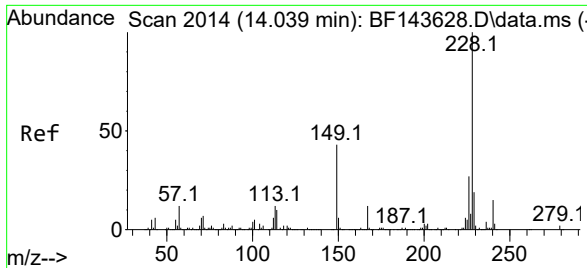
Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025



#80
 Butylbenzylphthalate
 Concen: 9.093 ng
 RT: 13.468 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF143646.D
 Acq: 04 Sep 2025 16:12

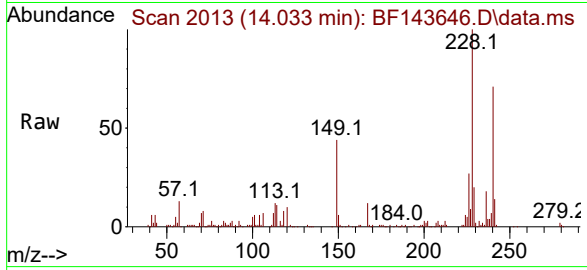
Tgt Ion:149 Resp: 32883
 Ion Ratio Lower Upper
 149 100
 91 67.3 53.0 79.4
 206 22.4 17.4 26.2





#81
Benzo(a)anthracene
Concen: 7.346 ng
RT: 14.033 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

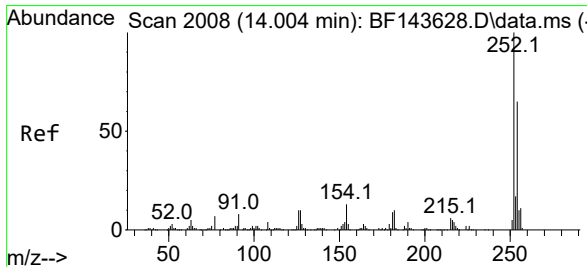
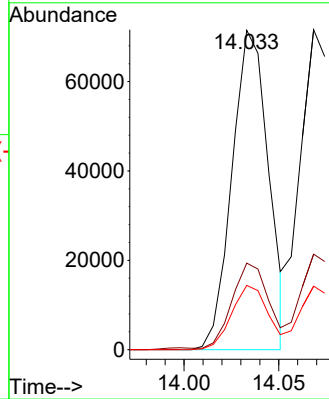
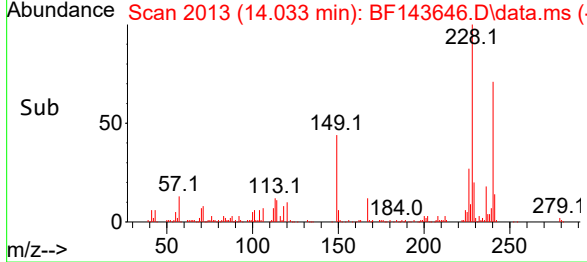
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



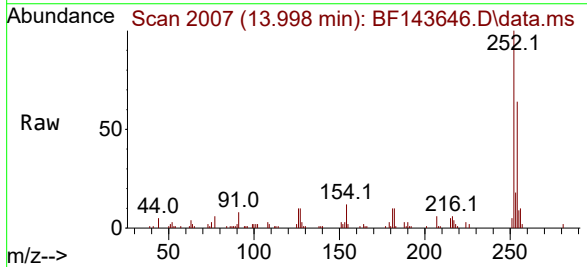
Tgt Ion:228 Resp: 9566
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 20.2 15.5 23.3

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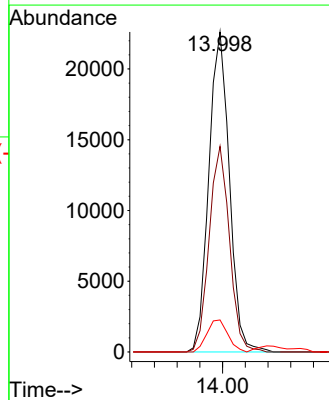
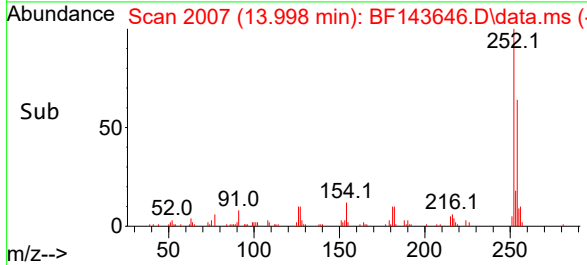
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

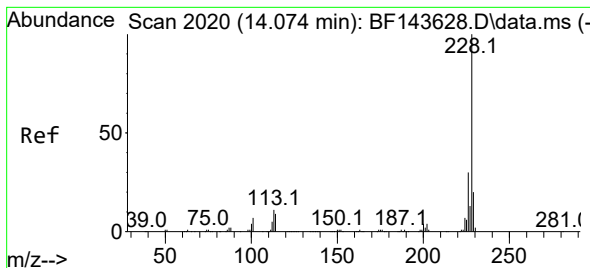


#82
3,3'-Dichlorobenzidine
Concen: 8.009 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12



Tgt Ion:252 Resp: 28431
Ion Ratio Lower Upper
252 100
254 64.2 52.2 78.2
126 10.0 8.1 12.1





#83

Chrysene

Concen: 7.768 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

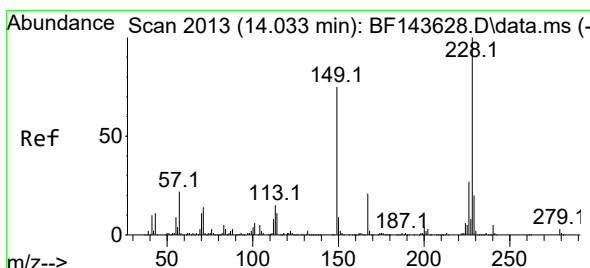
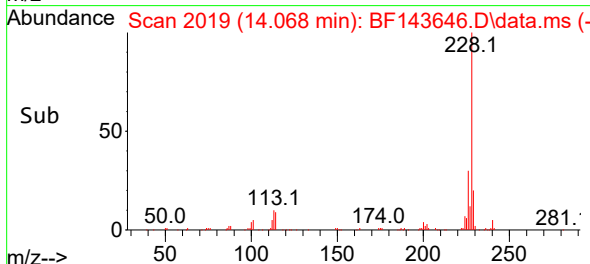
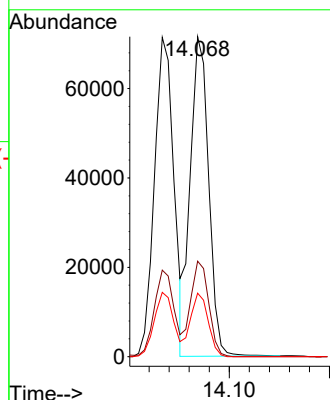
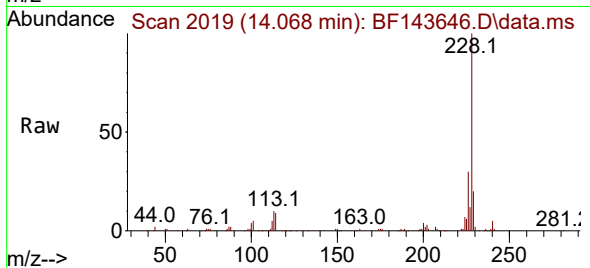
Tgt Ion:228	Resp: 90935
Ion Ratio	Lower Upper
228 100	
226 29.8	23.8 35.6
229 19.8	15.8 23.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.700 ng

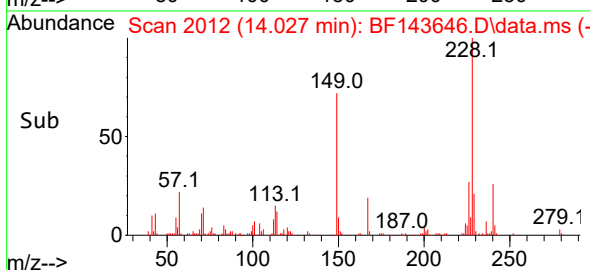
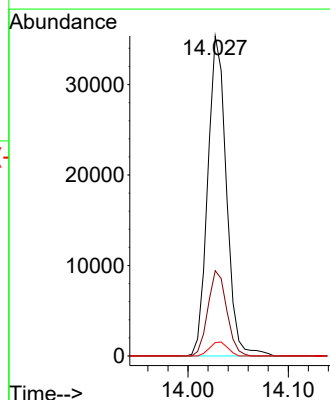
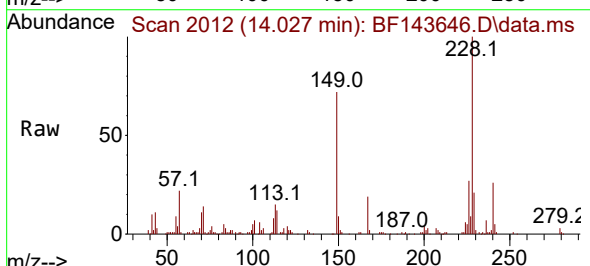
RT: 14.027 min Scan# 2012

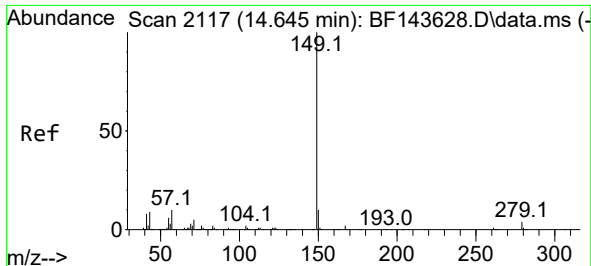
Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

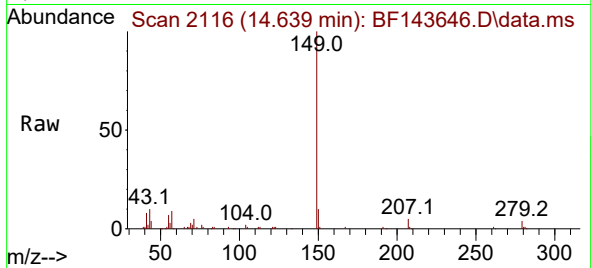
Tgt Ion:149	Resp: 45822
Ion Ratio	Lower Upper
149 100	
167 26.7	22.1 33.1
279 4.2	3.4 5.2





#85
Di-n-octyl phthalate
Concen: 5.524 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

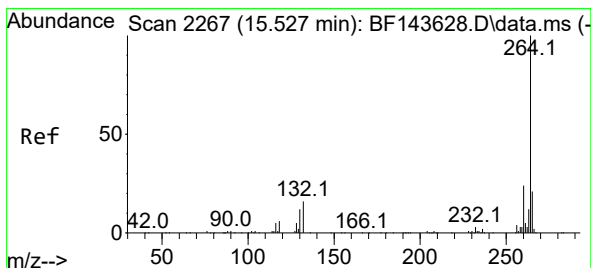
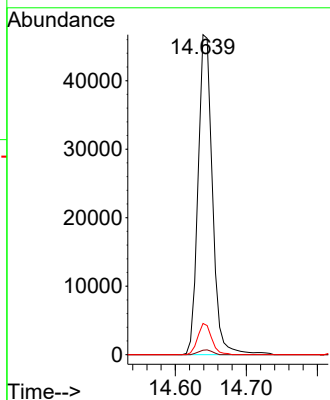
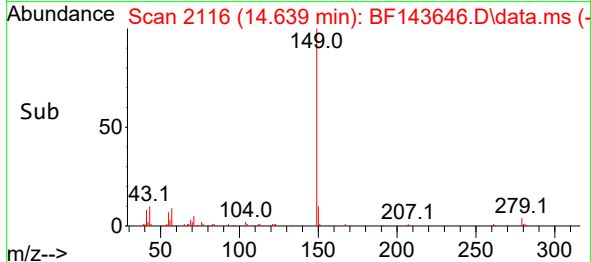
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



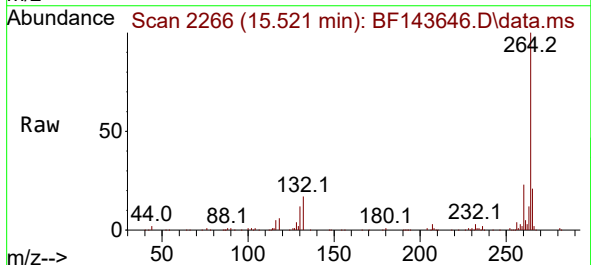
Tgt Ion:149 Resp: 65894
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 9.4 7.8 11.8

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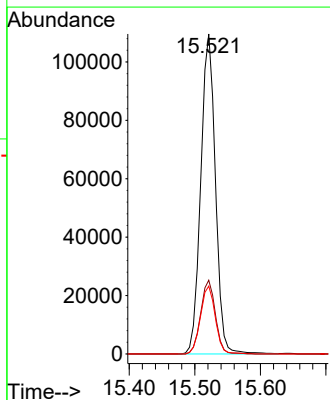
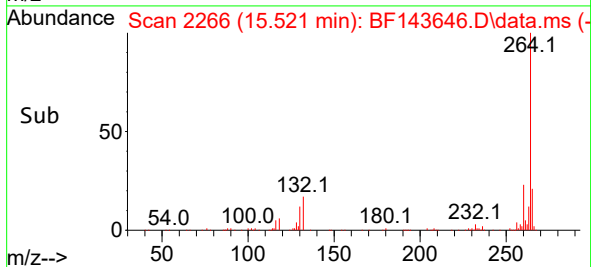
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

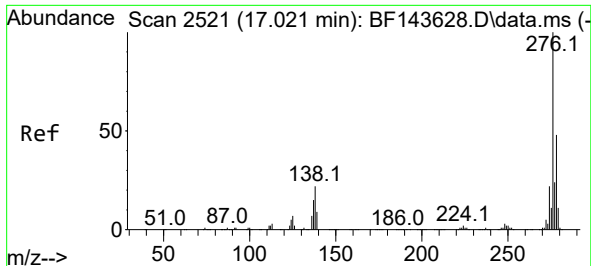


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12



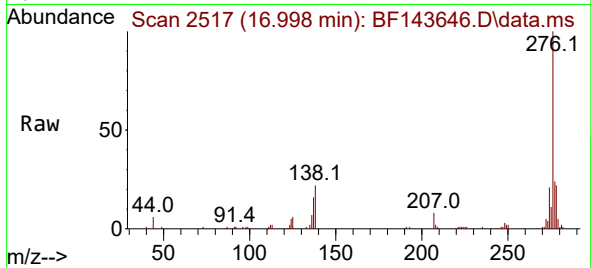
Tgt Ion:264 Resp: 170876
Ion Ratio Lower Upper
264 100
260 23.1 18.9 28.3
265 21.2 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 6.981 ng
RT: 16.998 min Scan# 2117
Delta R.T. -0.024 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

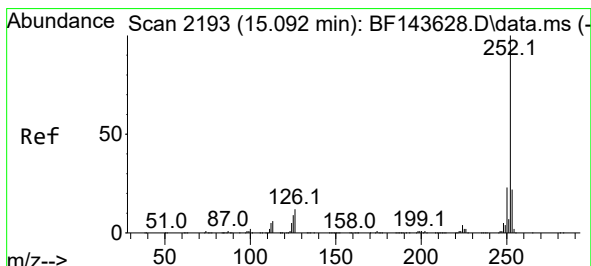
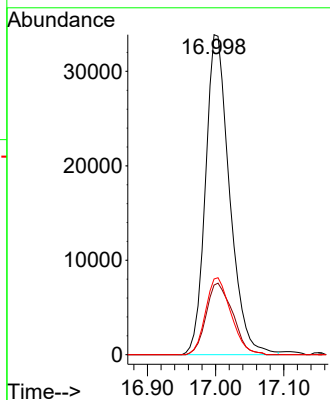
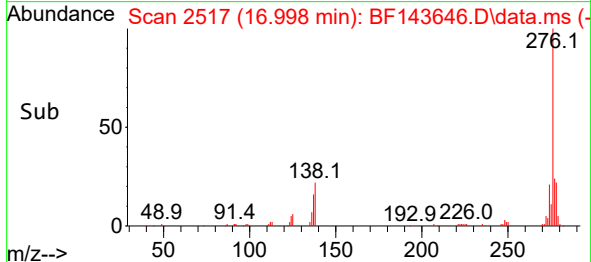
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



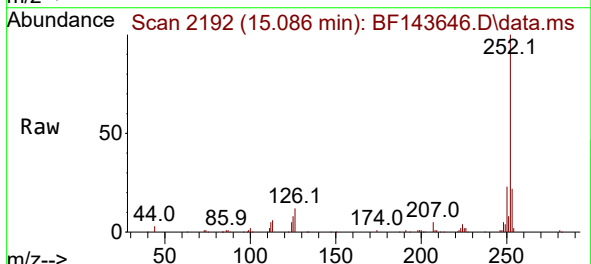
Tgt Ion: 276 Resp: 83162
Ion Ratio Lower Upper
276 100
138 24.7 19.8 29.6
277 25.4 20.1 30.1

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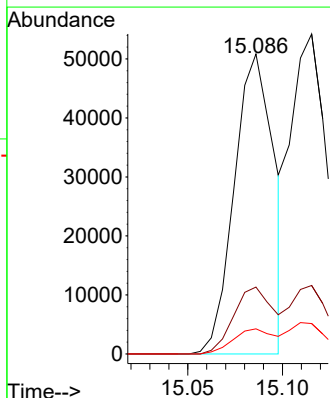
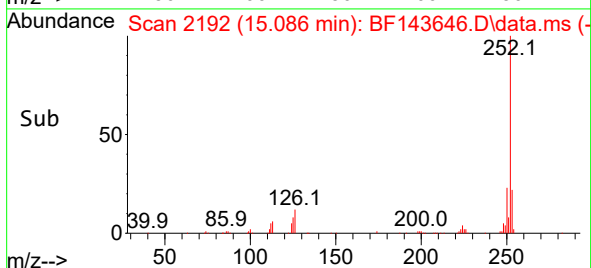
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

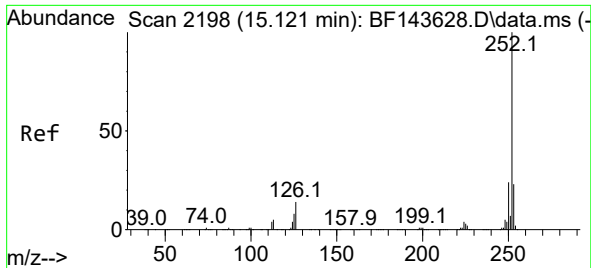


#88
Benzo(b)fluoranthene
Concen: 7.155 ng
RT: 15.086 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12



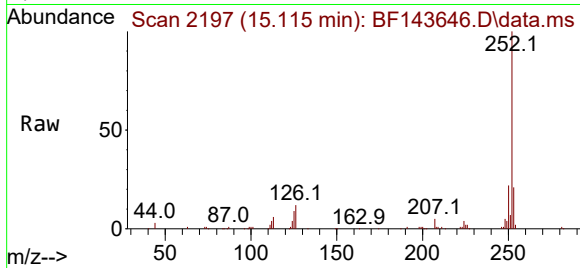
Tgt Ion: 252 Resp: 73659
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 8.4 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 8.524 ng
RT: 15.115 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

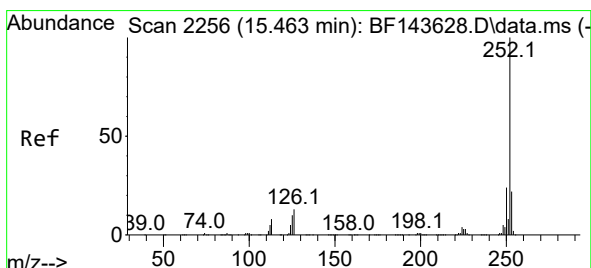
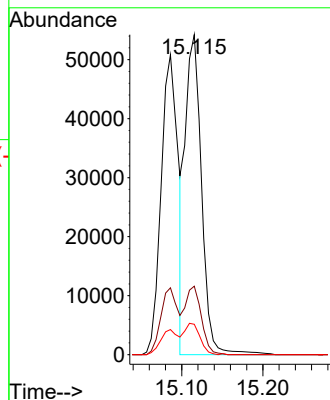
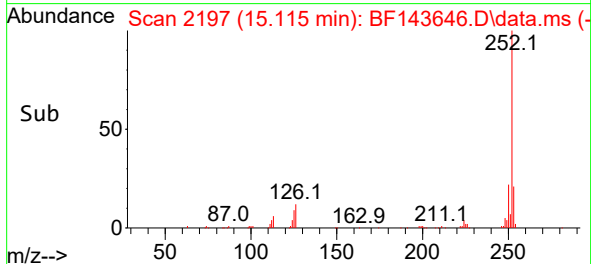
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



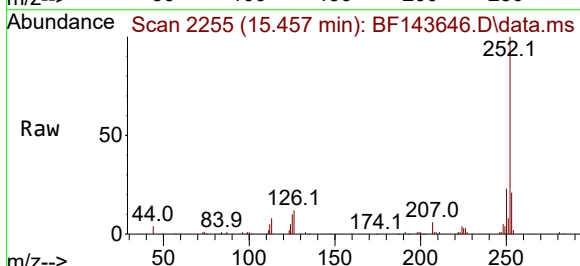
Tgt Ion:252 Resp: 75889
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 9.5 7.3 10.9

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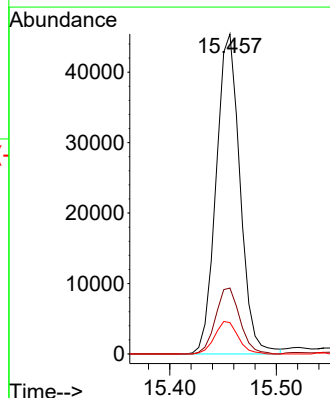
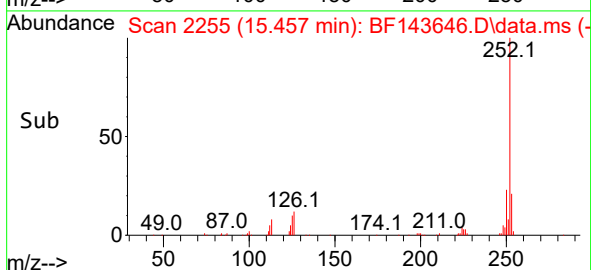
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

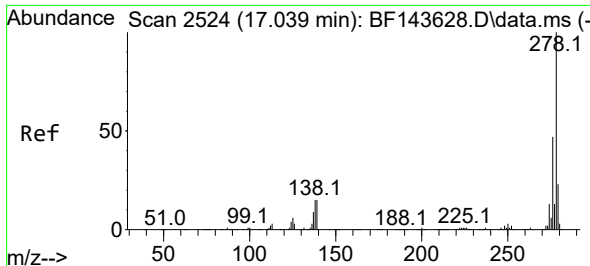


#90
Benzo(a)pyrene
Concen: 7.993 ng
RT: 15.457 min Scan# 2255
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12



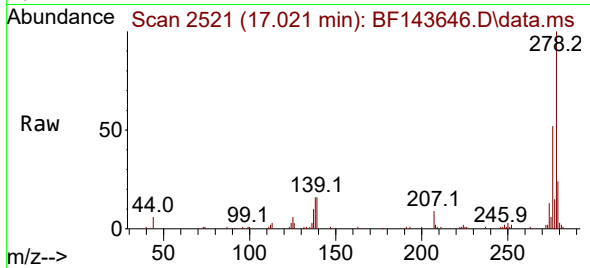
Tgt Ion:252 Resp: 70737
Ion Ratio Lower Upper
252 100
253 20.6 17.4 26.2
125 9.8 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 7.151 ng
RT: 17.021 min Scan# 2521
Delta R.T. -0.018 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

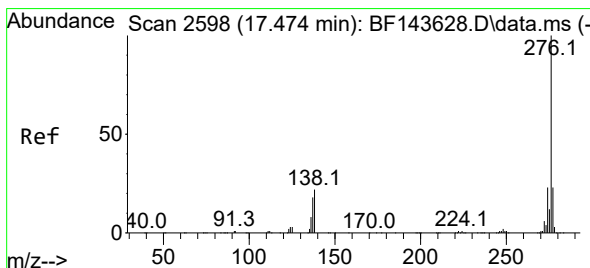
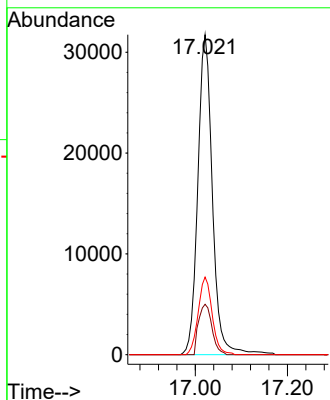
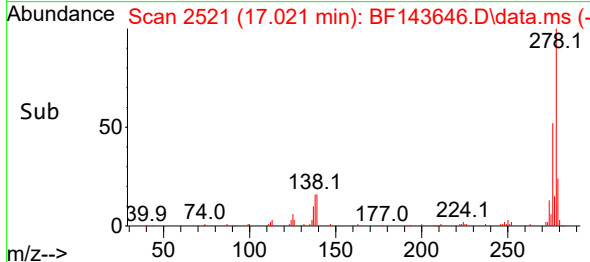
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



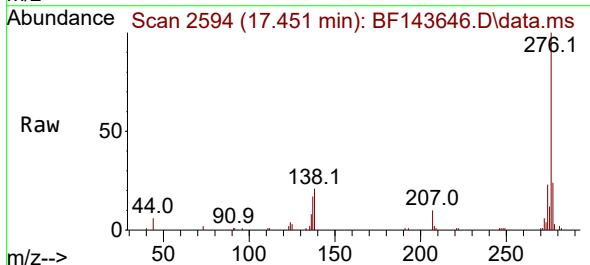
Tgt Ion:278 Resp: 7006
Ion Ratio Lower Upper
278 100
139 15.8 12.4 18.6
279 24.2 18.7 28.1

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



#92
Benzo(g,h,i)perylene
Concen: 7.058 ng
RT: 17.451 min Scan# 2594
Delta R.T. -0.024 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12



Tgt Ion:276 Resp: 66612
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 21.4 17.2 25.8

