

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143696.D
 Acq On : 10 Sep 2025 11:18
 Operator : RC/JU
 Sample : Q2893-09
 Misc : MDL-WATER 8 PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 10 11:44:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/11/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	44834	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	175406	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	103014	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	177744	20.000	ng	0.00
76) Chrysene-d12	14.045	240	113821	20.000	ng	0.00
86) Perylene-d12	15.515	264	102463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	351815	133.882	ng	0.00
7) Phenol-d6	6.510	99	439522	137.367	ng	0.00
23) Nitrobenzene-d5	7.451	82	277673	98.465	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	149778	144.274	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	639967	93.846	ng	0.00
79) Terphenyl-d14	12.998	244	732647	104.310	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	9741	8.310	ng	100
3) Pyridine	3.469	79	23784	7.855	ng	98
4) n-Nitrosodimethylamine	3.369	42	9520	8.277	ng	94
6) Aniline	6.551	93	36691	8.658	ng	99
8) 2-Chlorophenol	6.675	128	24400	8.597	ng	96
9) Benzaldehyde	6.440	77	19058	7.382	ng	97
10) Phenol	6.522	94	29828m	8.434	ng	
11) bis(2-Chloroethyl)ether	6.622	93	22514	8.523	ng	98
12) 1,3-Dichlorobenzene	6.828	146	29092	8.963	ng	99
13) 1,4-Dichlorobenzene	6.904	146	29743	9.079	ng	96
14) 1,2-Dichlorobenzene	7.057	146	27517	8.894	ng	100
15) Benzyl Alcohol	7.022	79	19883	8.543	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	28396	8.217	ng	96
17) 2-Methylphenol	7.128	107	20060	8.786	ng	99
18) Hexachloroethane	7.404	117	9017	8.520	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	16641	8.468	ng	97
20) 3+4-Methylphenols	7.281	107	25513	8.486	ng	97
22) Acetophenone	7.292	105	34139	8.618	ng	98
24) Nitrobenzene	7.469	77	24537	8.392	ng	94
25) Isophorone	7.698	82	45328	8.382	ng	98
26) 2-Nitrophenol	7.781	139	11580	8.055	ng	99
27) 2,4-Dimethylphenol	7.810	122	23554	9.126	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	27346	8.229	ng	97
29) 2,4-Dichlorophenol	8.016	162	21548	8.300	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	23503	8.738	ng	96
31) Naphthalene	8.192	128	72373	8.335	ng	99
32) Benzoic acid	7.863	122	8238	5.232	ng	97
33) 4-Chloroaniline	8.234	127	29543	9.773	ng	99
34) Hexachlorobutadiene	8.310	225	14649	8.350	ng	97
35) Caprolactam	8.563	113	5446	7.881	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	21860	8.539	ng	95
37) 2-Methylnaphthalene	8.881	142	46077	7.752	ng	99
38) 1-Methylnaphthalene	8.981	142	47159	8.267	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	24204	8.207	ng	99
41) Hexachlorocyclopentadiene	9.033	237	15073	9.955	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	15414	7.827	ng	100

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Manual Integrations
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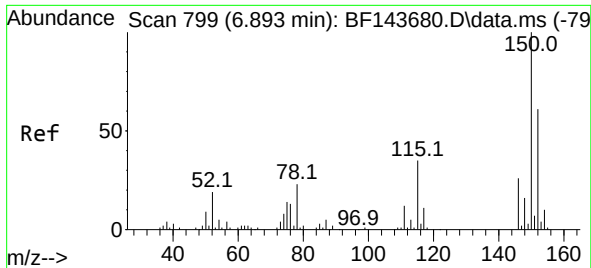
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	16453	8.218	ng	99
46) 1,1'-Biphenyl	9.345	154	65254	8.799	ng	100
47) 2-Chloronaphthalene	9.369	162	48629	8.364	ng	99
48) 2-Nitroaniline	9.457	65	12871	8.365	ng	94
49) Acenaphthylene	9.780	152	78481	9.424	ng	100
50) Dimethylphthalate	9.639	163	58564	8.738	ng	99
51) 2,6-Dinitrotoluene	9.698	165	11783	9.195	ng	98
52) Acenaphthene	9.957	154	47591	8.293	ng	98
53) 3-Nitroaniline	9.863	138	12440	9.021	ng	98
54) 2,4-Dinitrophenol	9.969	184	3596	10.446	ng	# 1
55) Dibenzofuran	10.128	168	69937	8.475	ng	97
56) 4-Nitrophenol	10.010	139	8856	8.072	ng	97
57) 2,4-Dinitrotoluene	10.098	165	15056	8.632	ng	99
58) Fluorene	10.469	166	57370	8.881	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	13784	8.491	ng	# 98
60) Diethylphthalate	10.339	149	55900	8.884	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	27734	8.466	ng	97
62) 4-Nitroaniline	10.475	138	11542	8.837	ng	96
63) Azobenzene	10.622	77	48496	8.718	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	6067	6.704	ng	98
66) n-Nitrosodiphenylamine	10.580	169	48789	8.379	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	17513	8.171	ng	94
68) Hexachlorobenzene	11.016	284	18911	8.356	ng	98
69) Atrazine	11.098	200	15627	8.559	ng	99
70) Pentachlorophenol	11.204	266	9547	6.978	ng	98
71) Phenanthrene	11.433	178	84978	8.677	ng	99
72) Anthracene	11.480	178	85917	8.725	ng	100
73) Carbazole	11.633	167	70899	8.791	ng	99
74) Di-n-butylphthalate	11.969	149	86495	8.908	ng	99
75) Fluoranthene	12.616	202	79730	8.868	ng	99
77) Benzidine	12.739	184	32690	8.807	ng	98
78) Pyrene	12.845	202	80118	8.804	ng	100
80) Butylbenzylphthalate	13.468	149	22183	7.780	ng	99
81) Benzo(a)anthracene	14.033	228	61049	8.337	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	17981	7.982	ng	99
83) Chrysene	14.068	228	55942	8.341	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	30113	7.402	ng	97
85) Di-n-octyl phthalate	14.639	149	45683	6.266	ng	100
87) Indeno(1,2,3-cd)pyrene	16.992	276	53016	7.581	ng	99
88) Benzo(b)fluoranthene	15.080	252	53943	8.844	ng	99
89) Benzo(k)fluoranthene	15.110	252	45205	8.212	ng	98
90) Benzo(a)pyrene	15.451	252	46008	8.586	ng	100
91) Dibenzo(a,h)anthracene	17.015	278	44208	7.620	ng	98
92) Benzo(g,h,i)perylene	17.445	276	40760	7.511	ng	98

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

Manual Integrations APPROVED

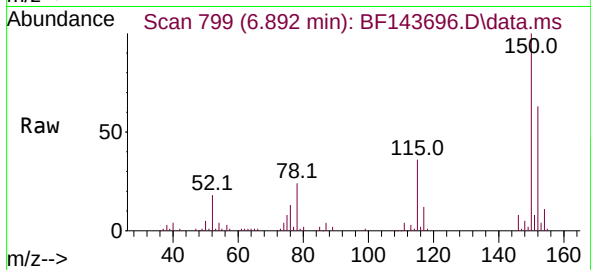
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

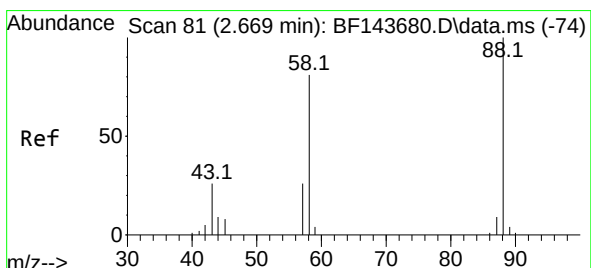
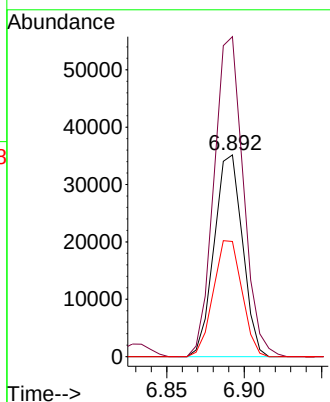
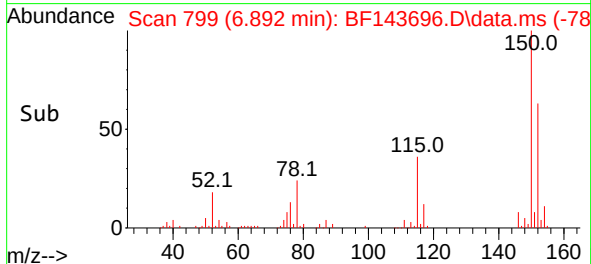
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



Tgt Ion:152 Resp: 44834
Ion Ratio Lower Upper
152 100
150 158.6 130.7 196.1
115 57.0 45.9 68.9

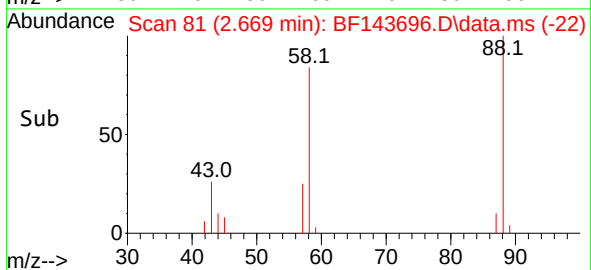
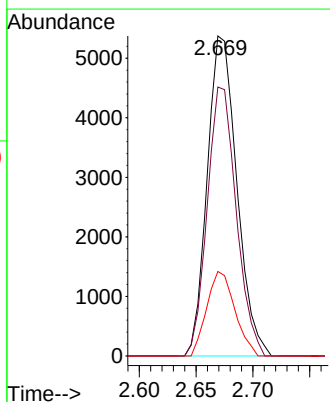
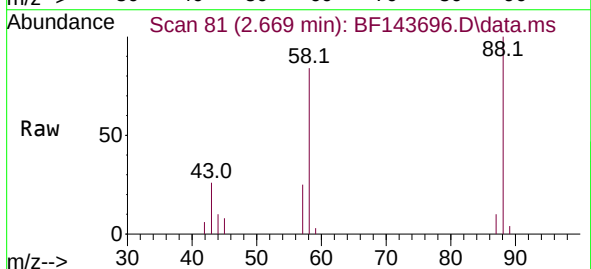
Manual Integrations
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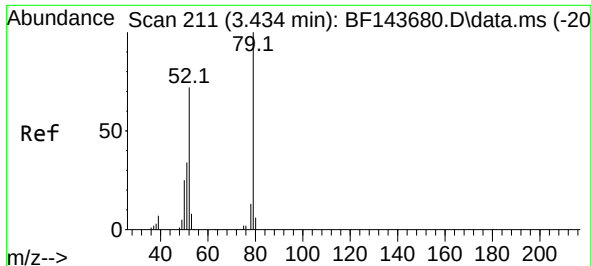
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#2
1,4-Dioxane
Concen: 8.310 ng
RT: 2.669 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

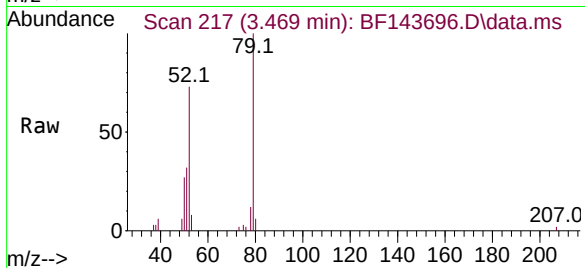
Tgt Ion: 88 Resp: 9741
Ion Ratio Lower Upper
88 100
58 82.2 65.8 98.6
43 25.0 20.6 31.0





#3
Pyridine
Concen: 7.855 ng
RT: 3.469 min Scan# 211
Delta R.T. 0.035 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

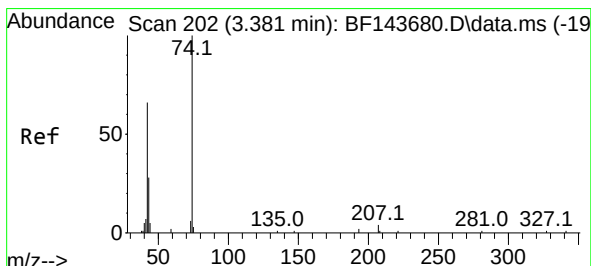
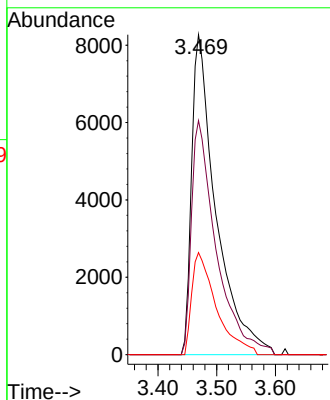
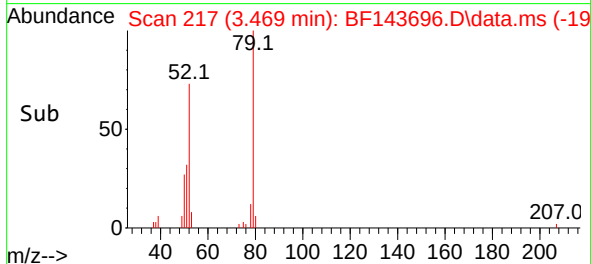
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



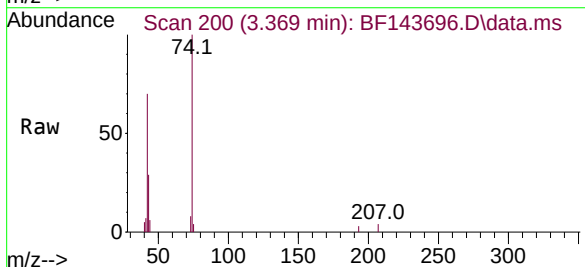
Tgt Ion: 79 Resp: 23784
Ion Ratio Lower Upper
79 100
52 73.1 57.2 85.8
51 31.9 27.0 40.6

Manual Integrations
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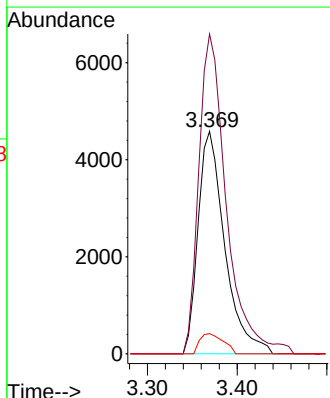
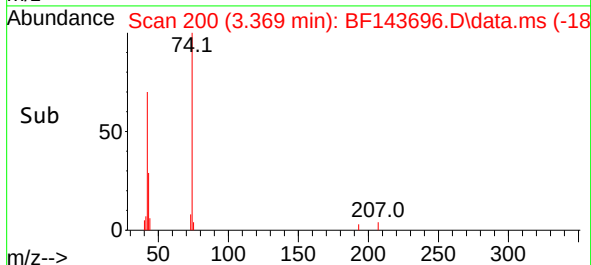
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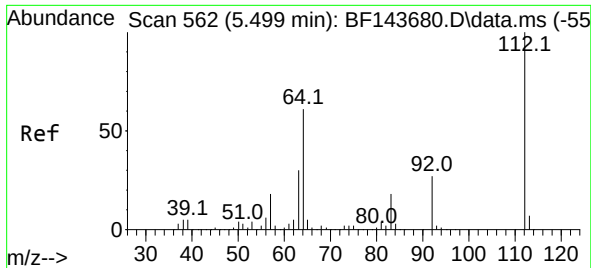


#4
n-Nitrosodimethylamine
Concen: 8.277 ng
RT: 3.369 min Scan# 200
Delta R.T. -0.012 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18



Tgt Ion: 42 Resp: 9520
Ion Ratio Lower Upper
42 100
74 143.9 120.9 181.3
44 9.1 6.5 9.7





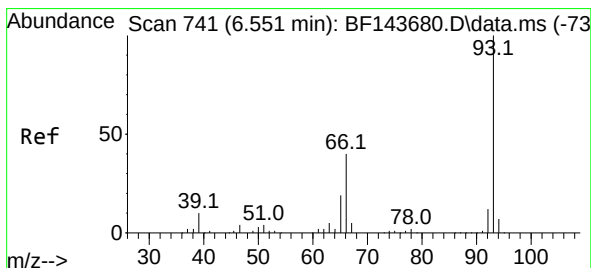
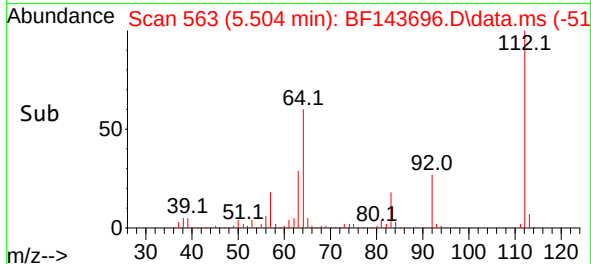
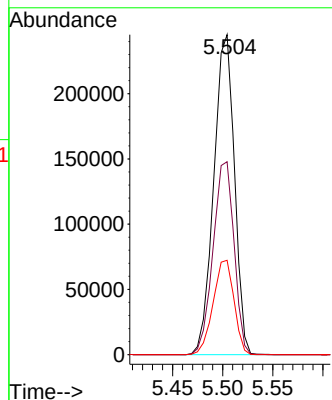
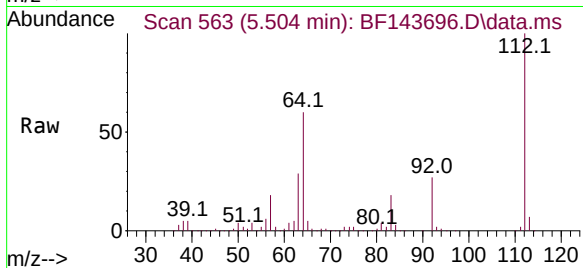
#5
2-Fluorophenol
Concen: 133.882 ng
RT: 5.504 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

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

Tgt Ion: 112 Resp: 351815
Ion Ratio Lower Upper
112 100
64 60.3 49.0 73.4
63 29.5 24.3 36.5

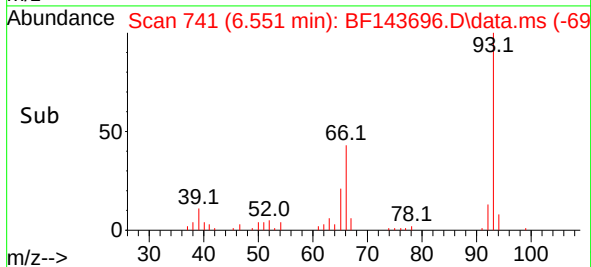
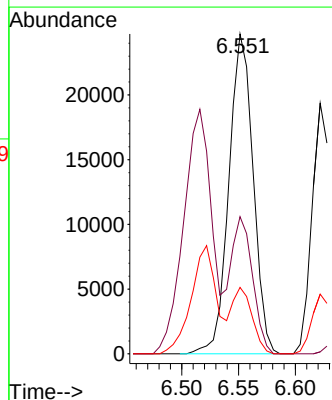
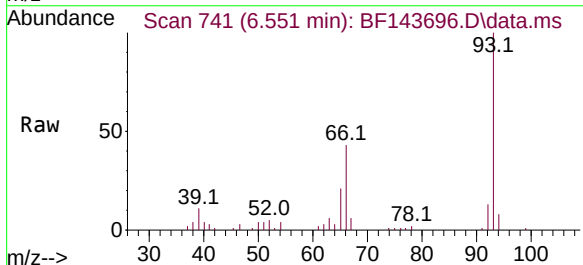
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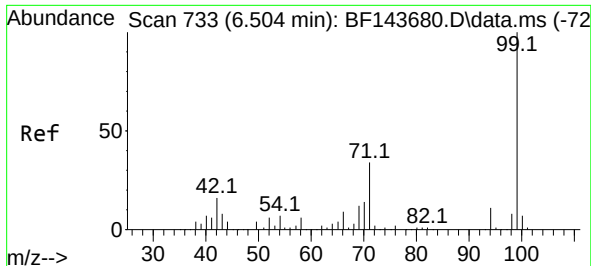
Reviewed By :Rahul Chavli 09/10/2025
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#6
Aniline
Concen: 8.658 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF143696.D
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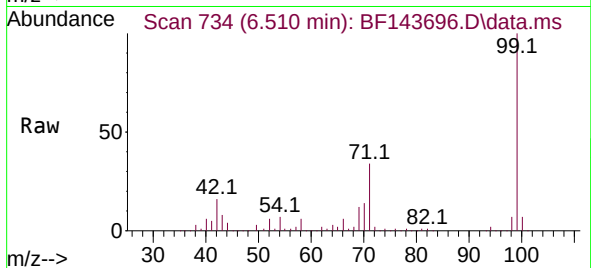
Tgt Ion: 93 Resp: 36691
Ion Ratio Lower Upper
93 100
66 42.9 34.1 51.1
65 20.8 16.1 24.1





#7
Phenol-d6
Concen: 137.367 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

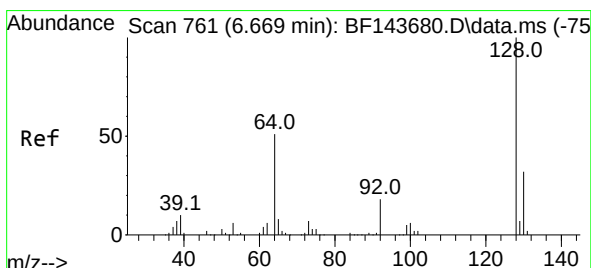
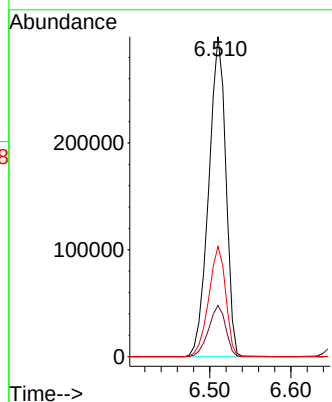
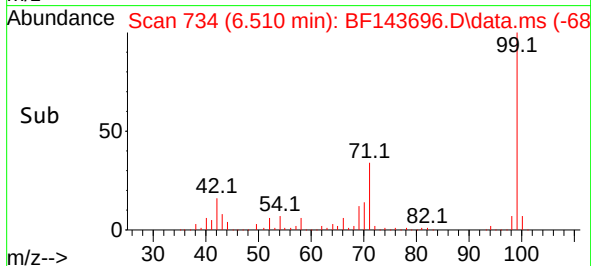
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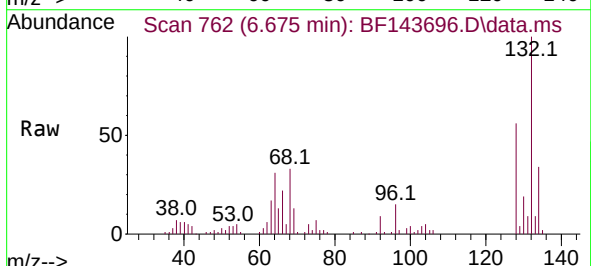
Tgt Ion: 99 Resp: 439522
Ion Ratio Lower Upper
99 100
42 16.0 13.0 19.4
71 34.4 27.4 41.2

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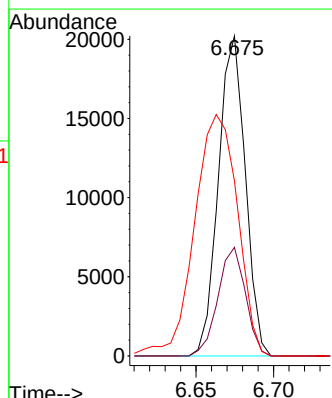
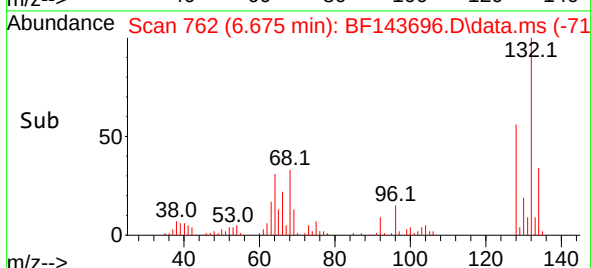
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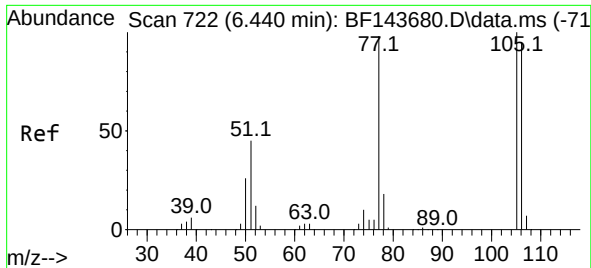


#8
2-Chlorophenol
Concen: 8.597 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18



Tgt Ion:128 Resp: 24400
Ion Ratio Lower Upper
128 100
130 33.9 12.0 52.0
64 54.7 31.9 71.9





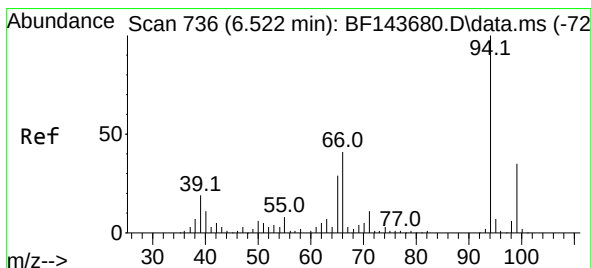
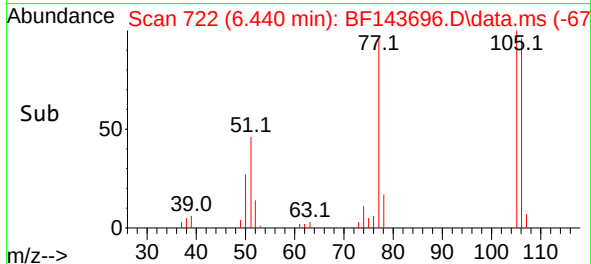
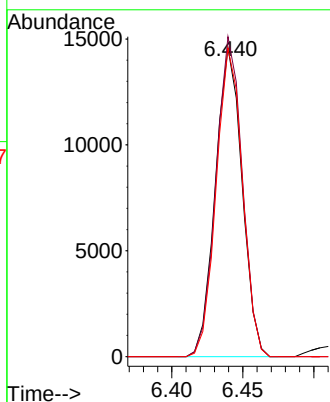
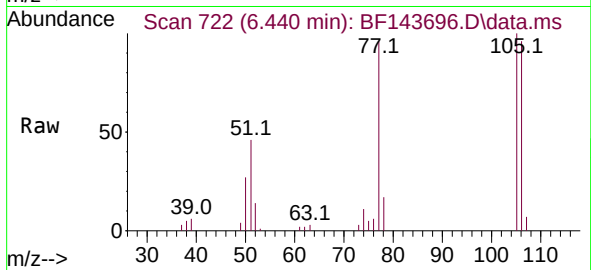
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Benzaldehyde
Concen: 7.382 ng
RT: 6.440 min Scan# 722
Delta R.T. -0.000 min
Lab File: BF143696.D
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Tgt Ion: 77 Resp: 19058
Ion Ratio Lower Upper
77 100
105 103.7 81.7 121.7
106 100.0 76.9 116.9

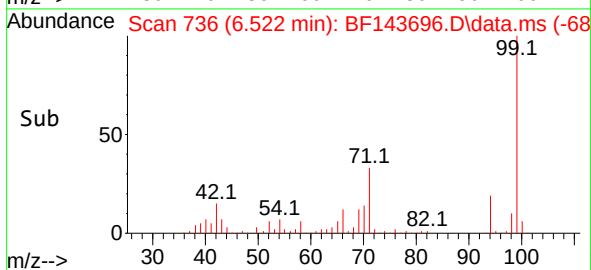
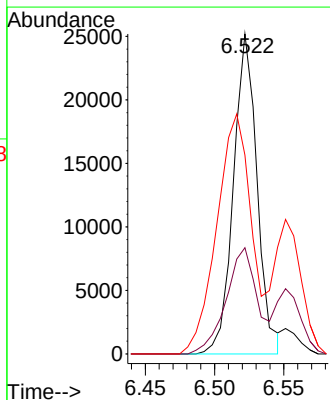
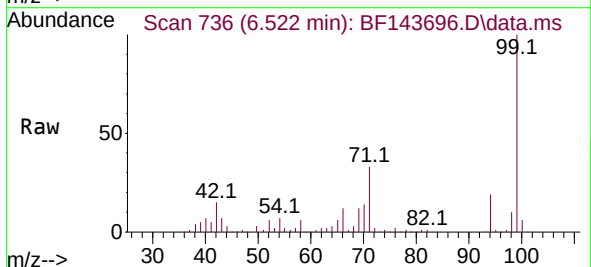
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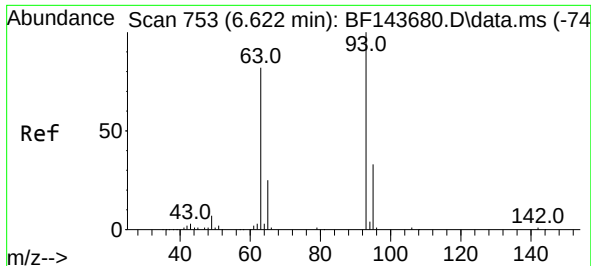
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Supervised By :Jagrut Upadhyay 09/11/2025



#10
Phenol
Concen: 8.434 ng m
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

Tgt Ion: 94 Resp: 29828
Ion Ratio Lower Upper
94 100
65 33.2 9.1 49.1
66 62.1 20.8 60.8#





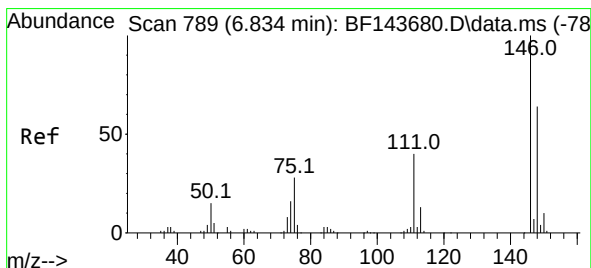
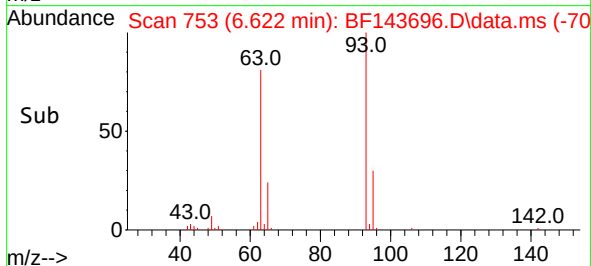
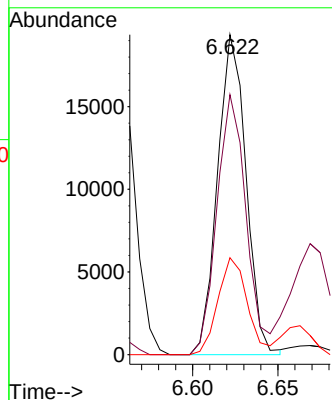
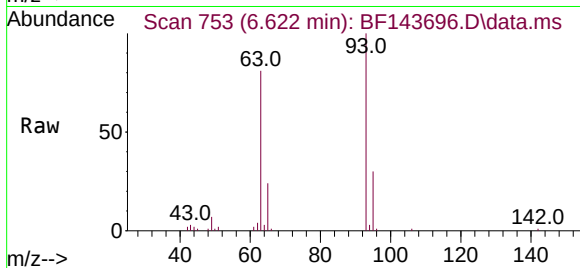
#11
bis(2-Chloroethyl)ether
Concen: 8.523 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

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

Tgt Ion: 93 Resp: 22514
Ion Ratio Lower Upper
93 100
63 81.2 61.8 101.8
95 30.3 12.6 52.6

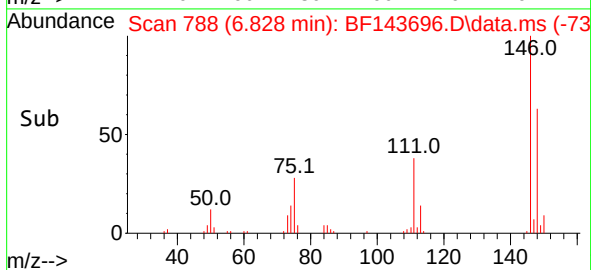
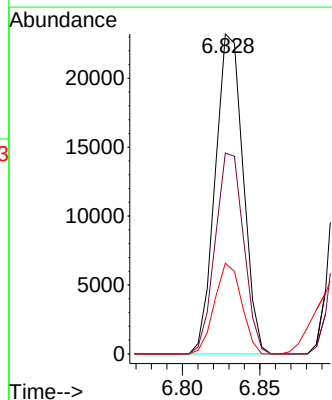
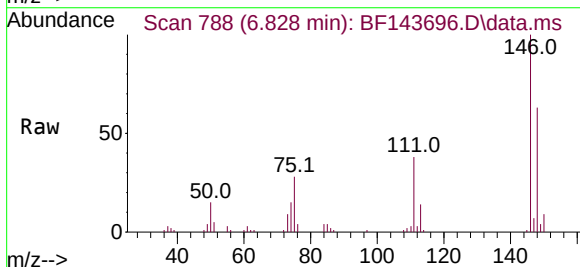
Manual Integrations
APPROVED

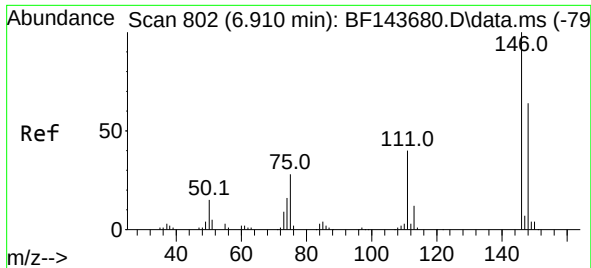
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#12
1,3-Dichlorobenzene
Concen: 8.963 ng
RT: 6.828 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

Tgt Ion:146 Resp: 29092
Ion Ratio Lower Upper
146 100
148 62.8 51.0 76.4
75 28.3 22.0 33.0





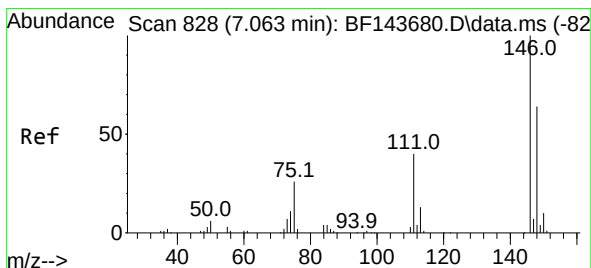
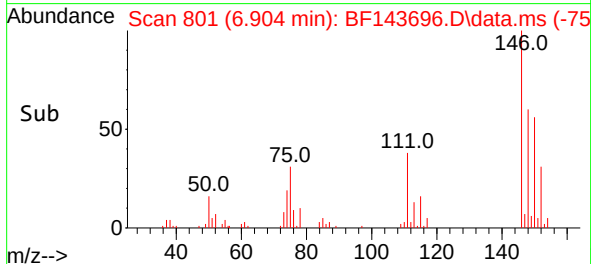
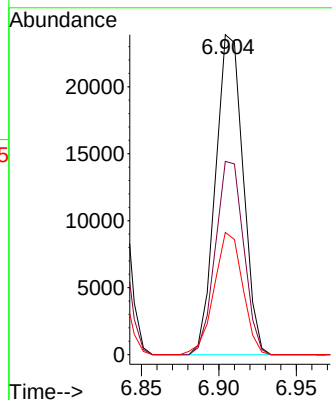
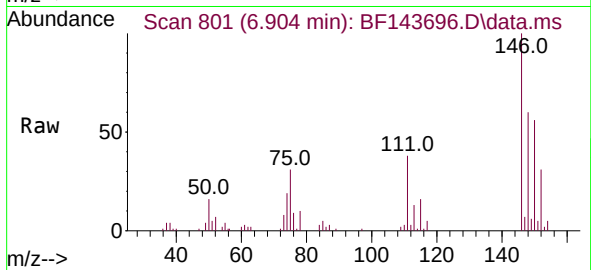
#13
1,4-Dichlorobenzene
Concen: 9.079 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

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

Tgt Ion:146 Resp: 29743
Ion Ratio Lower Upper
146 100
148 60.4 51.2 76.8
111 38.2 31.8 47.8

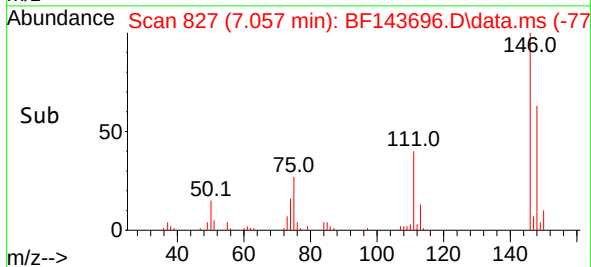
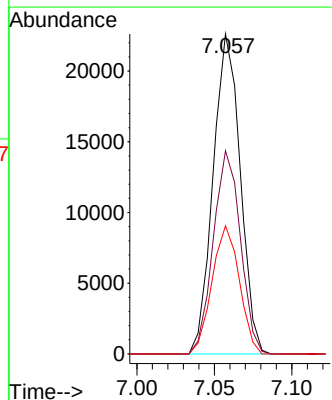
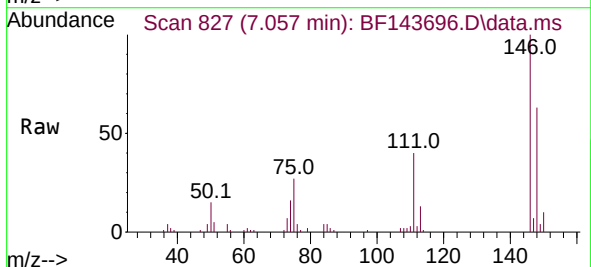
Manual Integrations
APPROVED

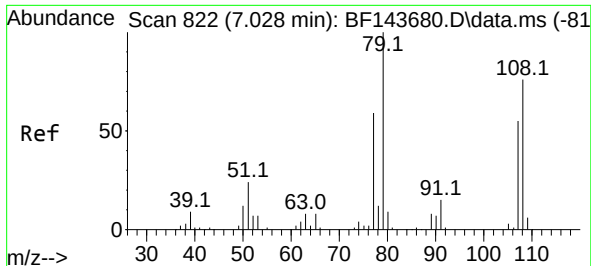
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#14
1,2-Dichlorobenzene
Concen: 8.894 ng
RT: 7.057 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

Tgt Ion:146 Resp: 27517
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
111 40.0 32.3 48.5





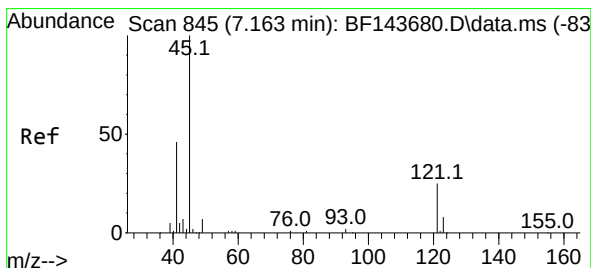
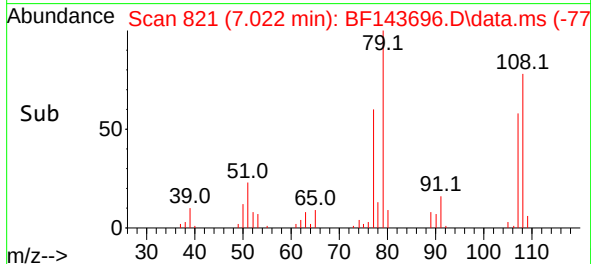
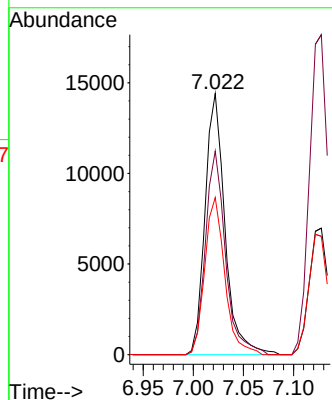
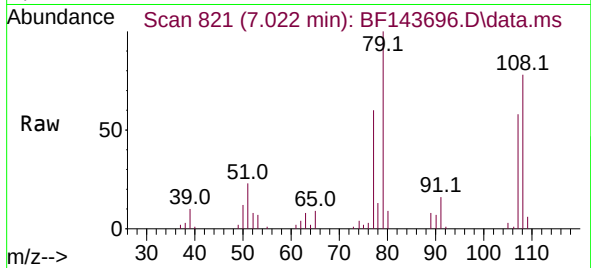
#15
Benzyl Alcohol
Concen: 8.543 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

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

Tgt Ion: 79 Resp: 1988
Ion Ratio Lower Upper
79 100
108 78.0 60.9 91.3
77 60.2 47.4 71.2

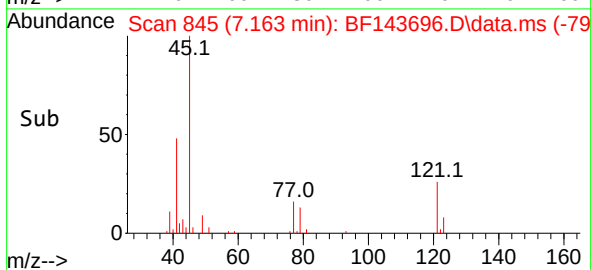
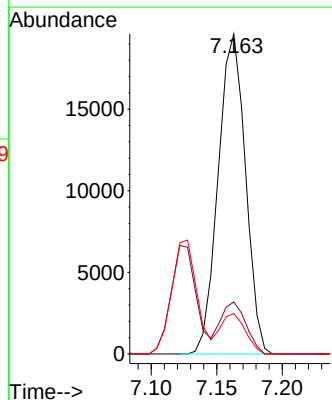
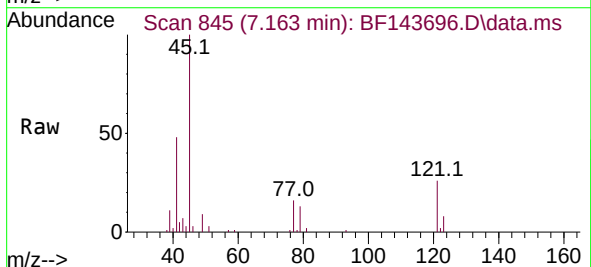
Manual Integrations
APPROVED

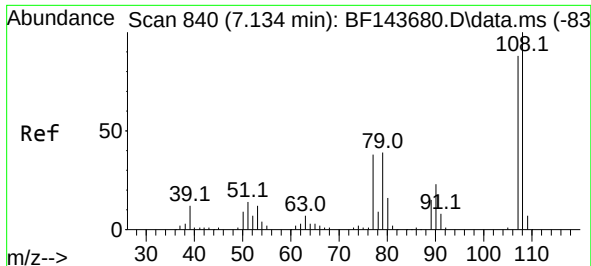
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.217 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

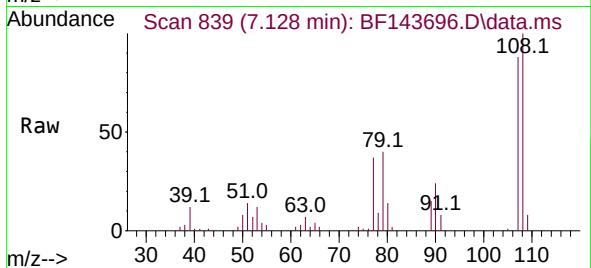
Tgt Ion: 45 Resp: 28396
Ion Ratio Lower Upper
45 100
77 16.2 0.0 34.6
79 12.6 0.0 31.3





#17
2-Methylphenol
Concen: 8.786 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

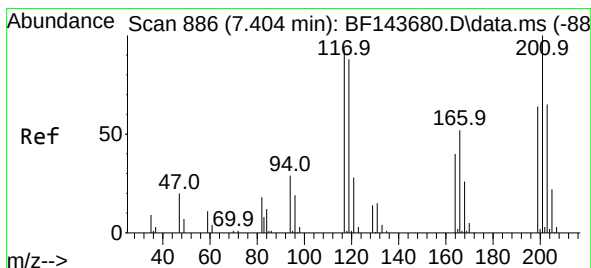
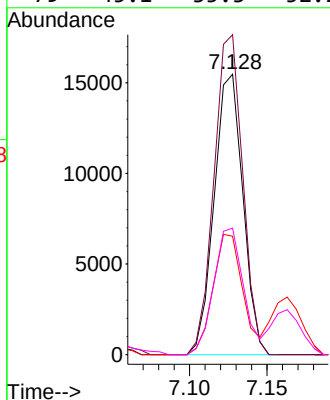
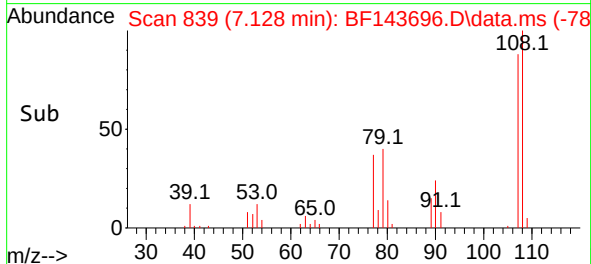
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



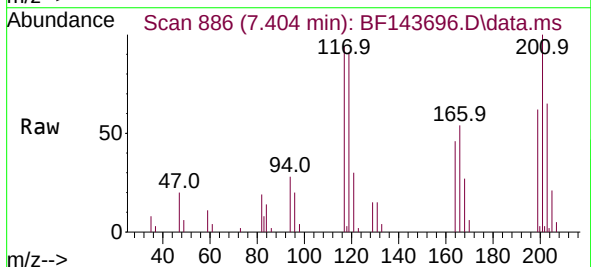
Tgt Ion:107 Resp: 20060
Ion Ratio Lower Upper
107 100
108 114.1 90.9 136.3
77 42.2 34.4 51.6
79 45.1 35.3 52.9

Manual Integrations
APPROVED

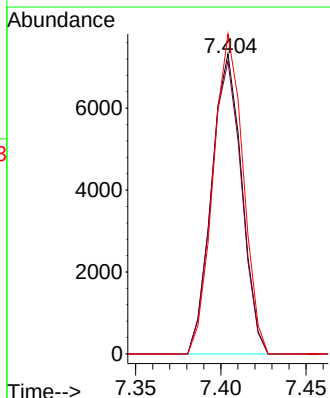
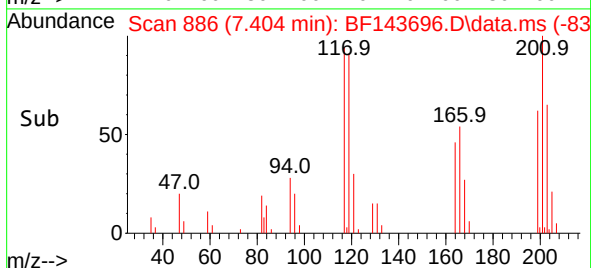
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025

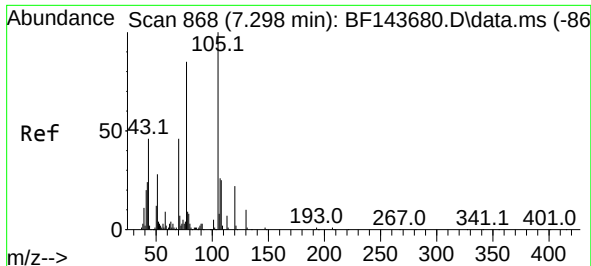


#18
Hexachloroethane
Concen: 8.520 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18



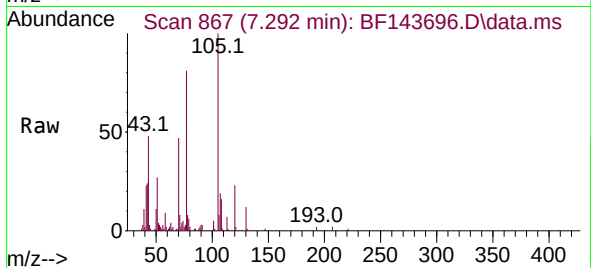
Tgt Ion:117 Resp: 9017
Ion Ratio Lower Upper
117 100
119 97.5 76.2 114.2
201 106.6 86.4 129.6





#19
n-Nitroso-di-n-propylamine
Concen: 8.468 ng
RT: 7.292 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

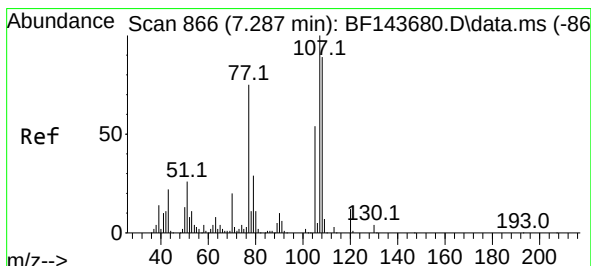
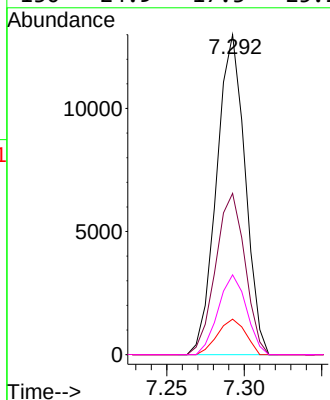
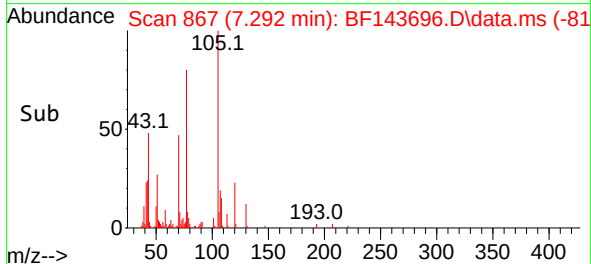
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



Tgt Ion:	70	Resp:	1664
Ion	Ratio	Lower	Upper
70	100		
42	50.4	41.4	62.2
101	11.1	8.1	12.1
130	24.9	17.3	25.9

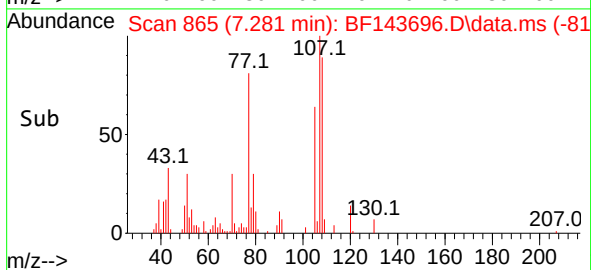
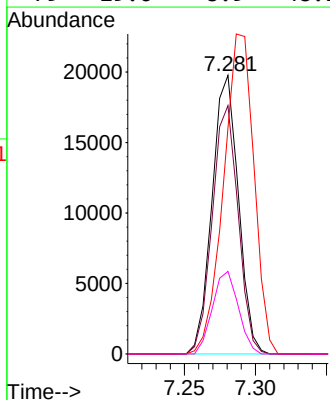
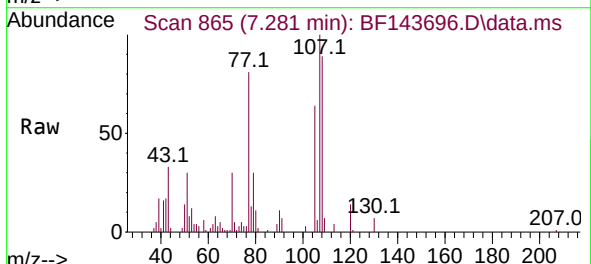
Manual Integrations
APPROVED

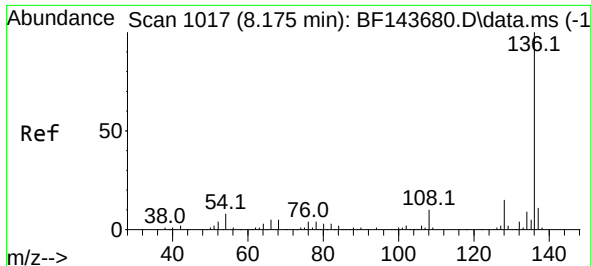
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#20
3+4-Methylphenols
Concen: 8.486 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

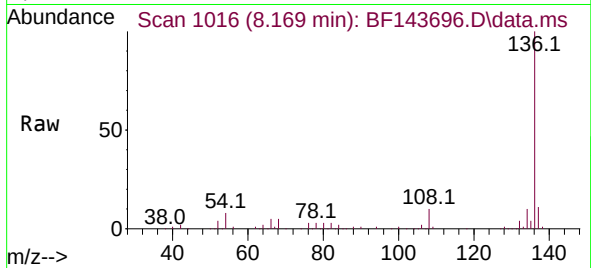
Tgt Ion:	107	Resp:	25513
Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.6	108.6
77	81.1	54.6	94.6
79	29.6	8.9	48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

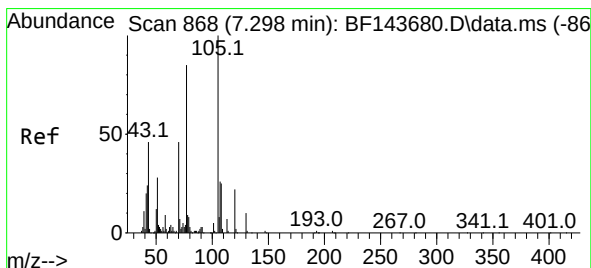
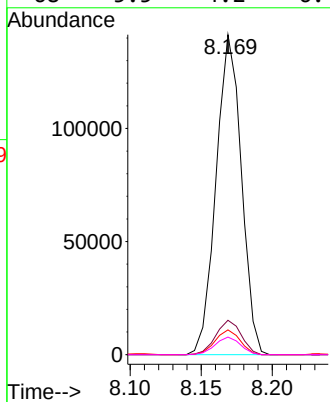
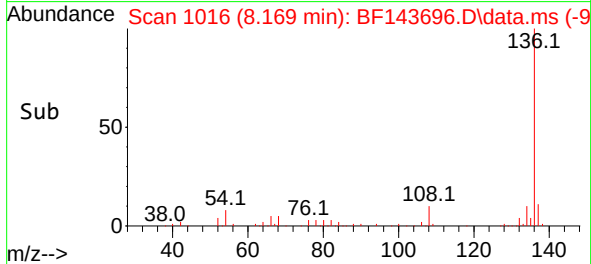
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



Tgt Ion:136 Resp: 175406
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.7 6.2 9.2
68 5.5 4.2 6.4

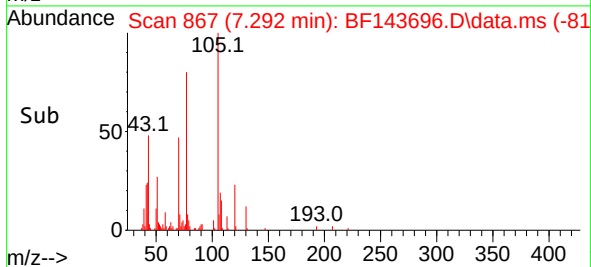
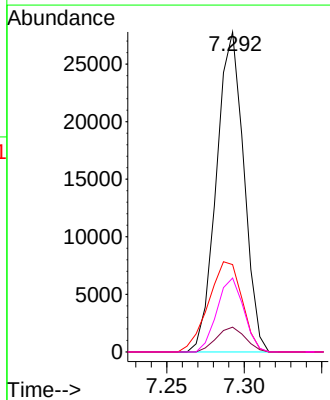
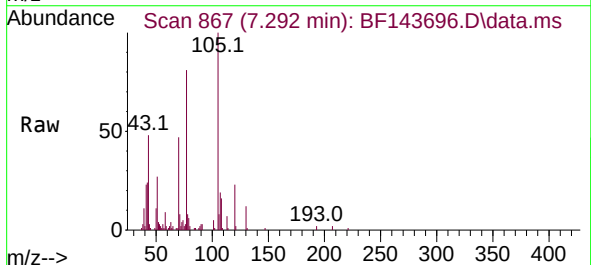
Manual Integrations
APPROVED

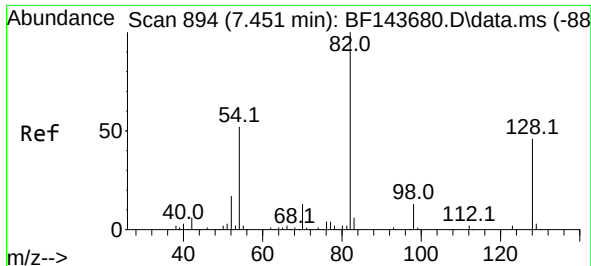
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#22
Acetophenone
Concen: 8.618 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

Tgt Ion:105 Resp: 34139
Ion Ratio Lower Upper
105 100
71 7.7 5.9 8.9
51 27.3 22.4 33.6
120 23.1 17.6 26.4





#23

Nitrobenzene-d5

Concen: 98.465 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143696.D

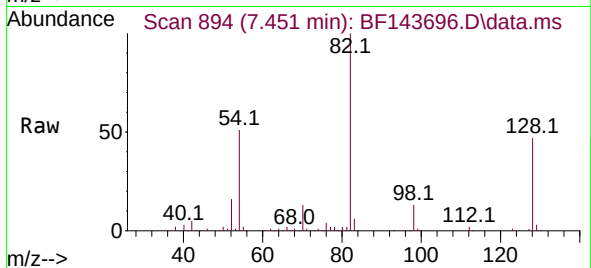
Acq: 10 Sep 2025 11:18

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2025



Tgt Ion: 82 Resp: 277673

Ion Ratio Lower Upper

82 100

128 47.0 37.0 55.4

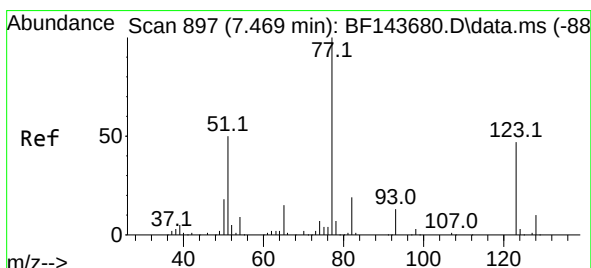
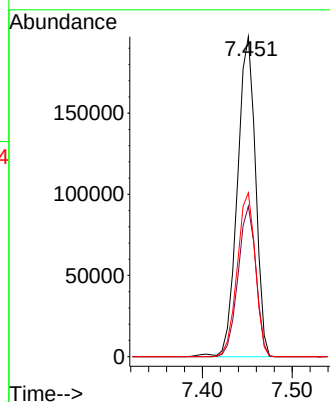
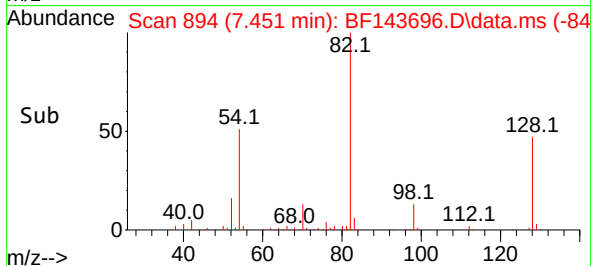
54 51.2 41.8 62.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#24

Nitrobenzene

Concen: 8.392 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.000 min

Lab File: BF143696.D

Acq: 10 Sep 2025 11:18

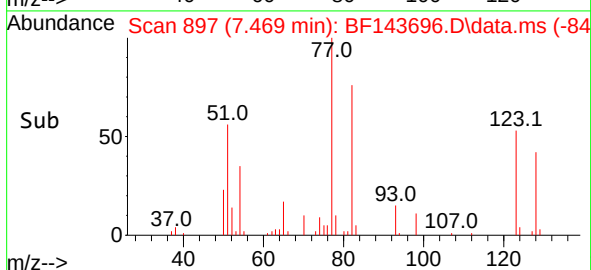
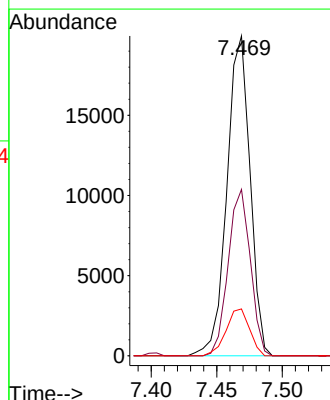
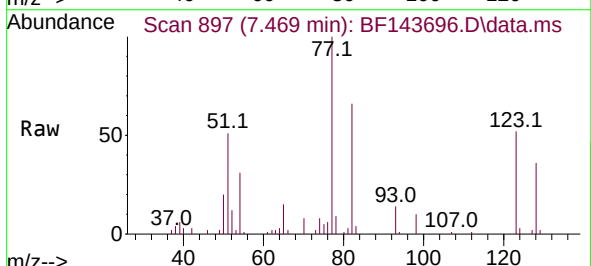
Tgt Ion: 77 Resp: 24537

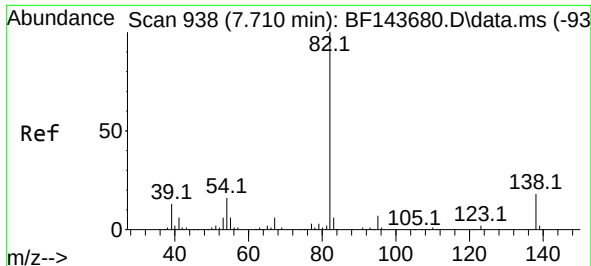
Ion Ratio Lower Upper

77 100

123 52.0 37.4 56.0

65 14.7 11.6 17.4





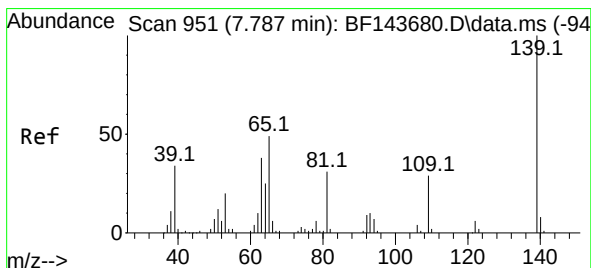
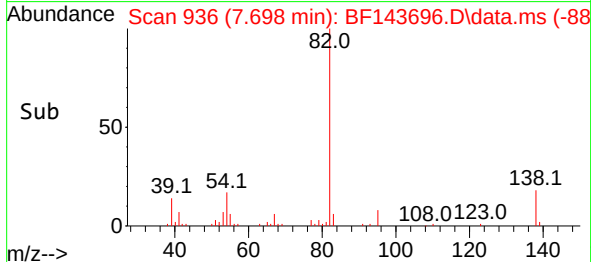
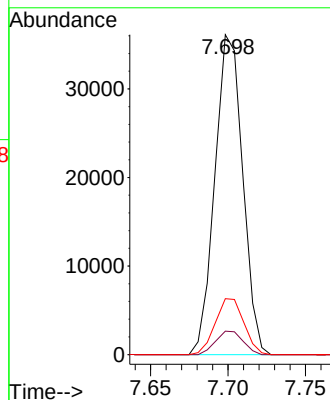
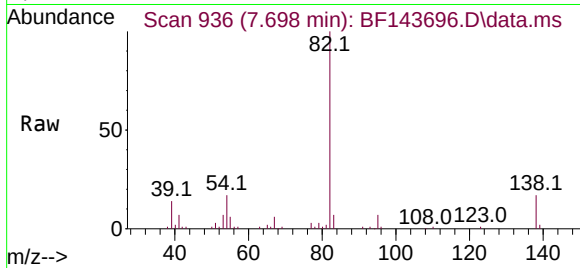
#25
Isophorone
Concen: 8.382 ng
RT: 7.698 min Scan# 938
Delta R.T. -0.012 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

Instrument : BNA_F
Client Sample Id : MDL-WATER-03-QT3-2025

Tgt Ion: 82 Resp: 45328
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 17.5 14.8 22.2

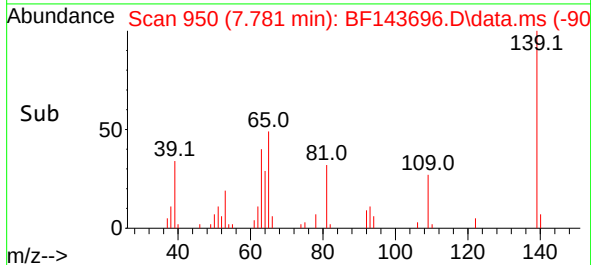
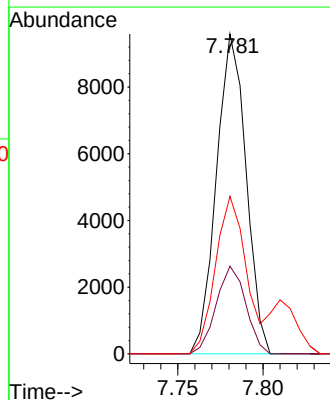
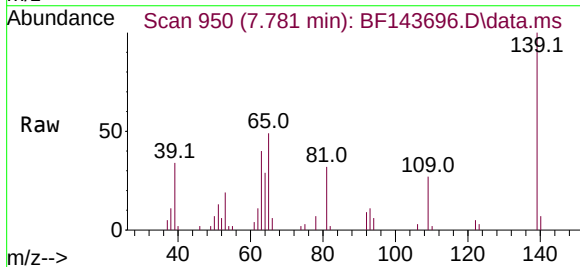
Manual Integrations
APPROVED

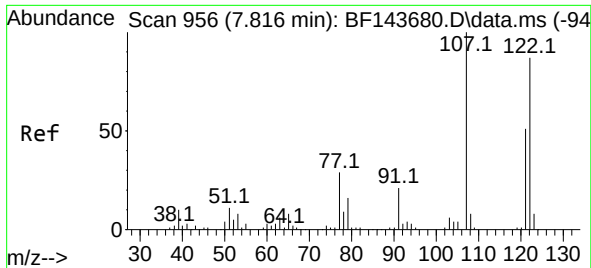
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#26
2-Nitrophenol
Concen: 8.055 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

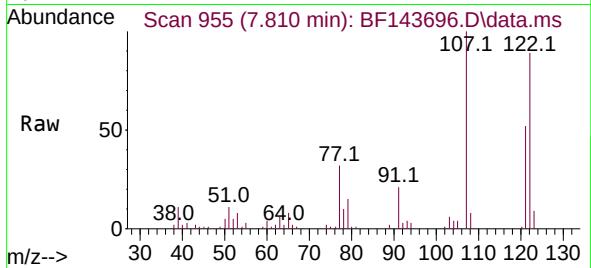
Tgt Ion:139 Resp: 11580
Ion Ratio Lower Upper
139 100
109 27.4 22.8 34.2
65 49.2 39.2 58.8





#27
2,4-Dimethylphenol
Concen: 9.126 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

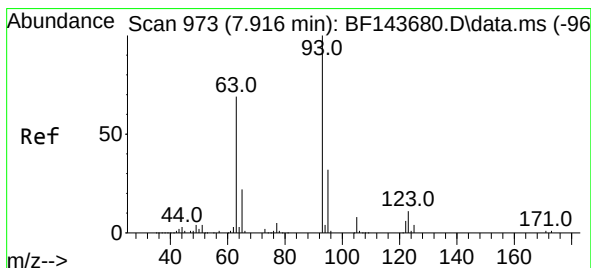
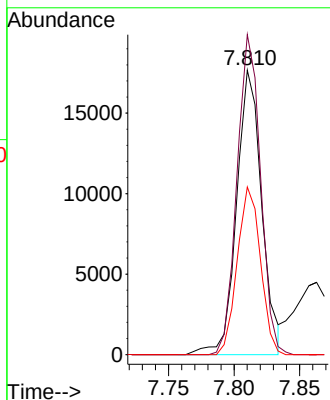
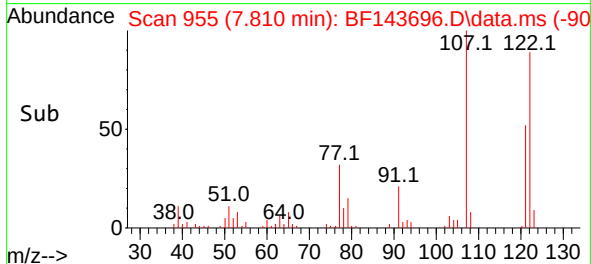
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



Tgt Ion:122 Resp: 23554
Ion Ratio Lower Upper
122 100
107 112.5 92.1 138.1
121 58.9 46.9 70.3

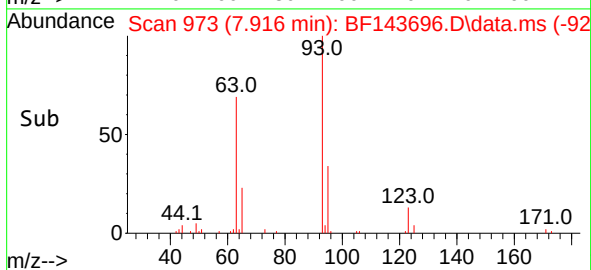
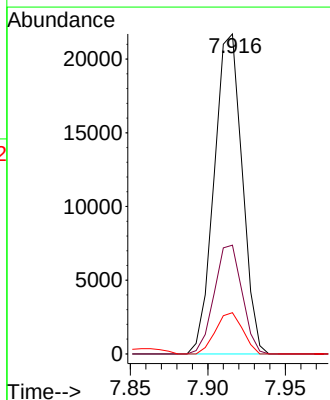
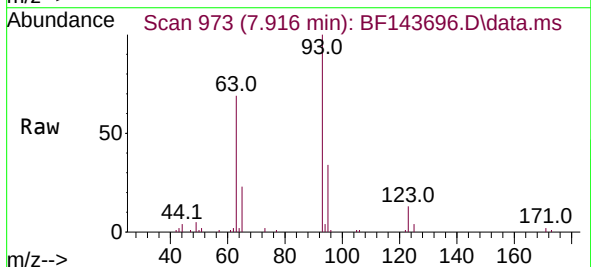
Manual Integrations
APPROVED

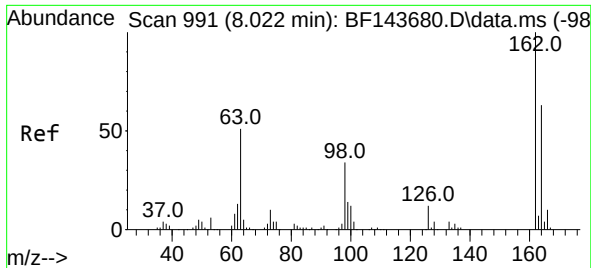
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#28
bis(2-Chloroethoxy)methane
Concen: 8.229 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

Tgt Ion: 93 Resp: 27346
Ion Ratio Lower Upper
93 100
95 34.0 26.0 39.0
123 12.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 8.300 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143696.D

Acq: 10 Sep 2025 11:18

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2025

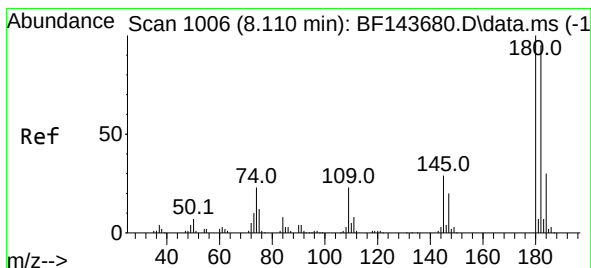
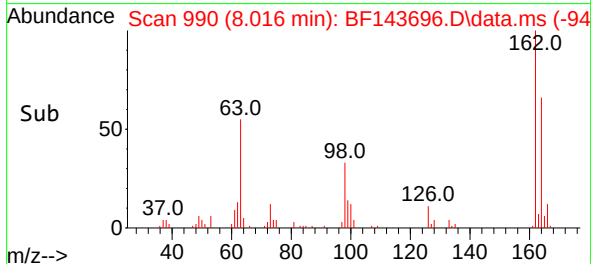
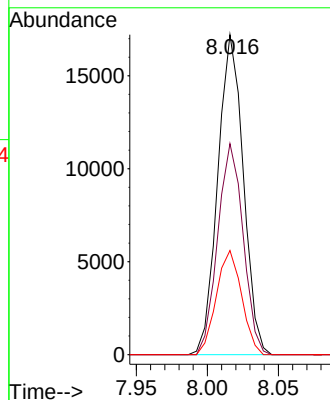
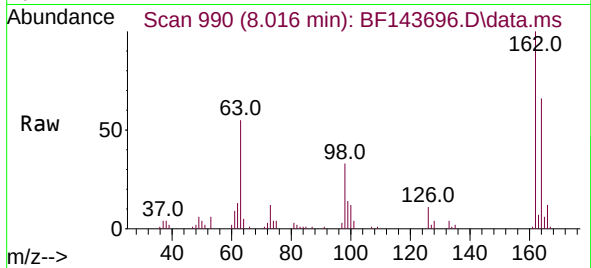
Tgt Ion:162 Resp: 21548
 Ion Ratio Lower Upper
 162 100
 164 65.9 43.0 83.0
 98 32.5 13.8 53.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#30

1,2,4-Trichlorobenzene

Concen: 8.738 ng

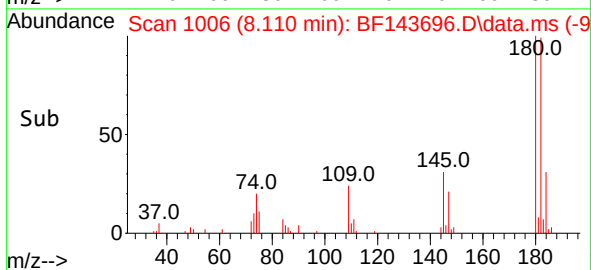
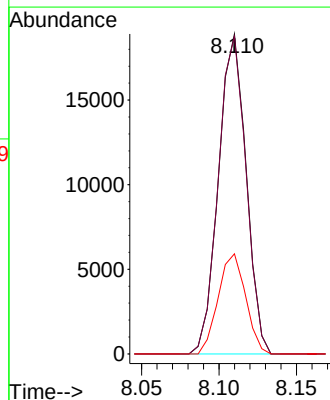
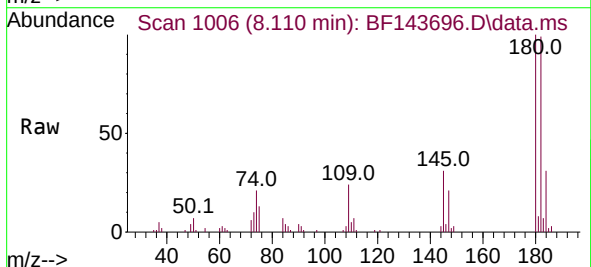
RT: 8.110 min Scan# 1006

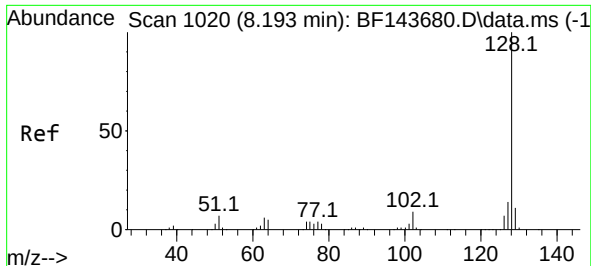
Delta R.T. -0.000 min

Lab File: BF143696.D

Acq: 10 Sep 2025 11:18

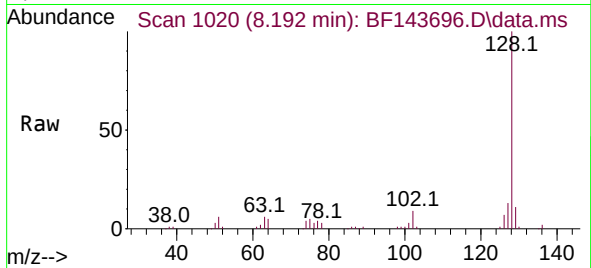
Tgt Ion:180 Resp: 23503
 Ion Ratio Lower Upper
 180 100
 182 99.3 76.2 114.4
 145 31.3 23.2 34.8





#31
Naphthalene
Concen: 8.335 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

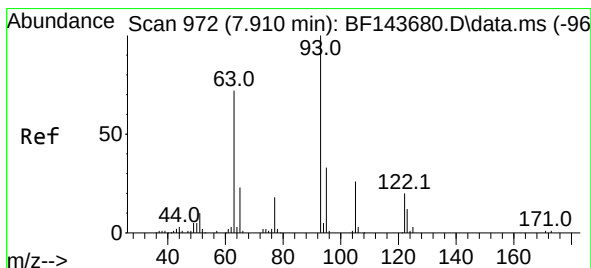
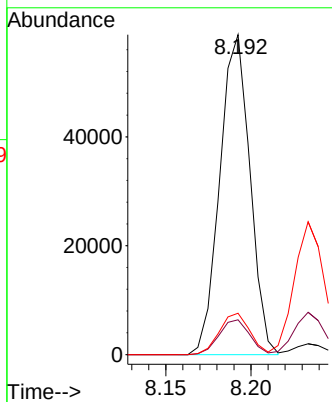
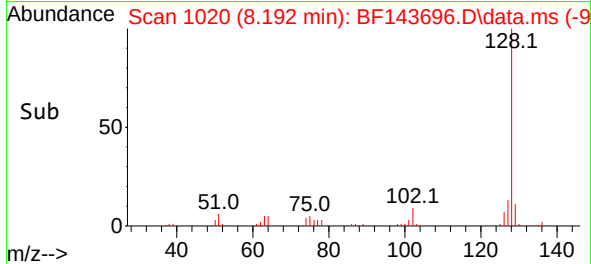
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



Tgt Ion:128 Resp: 72373
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.9 16.3

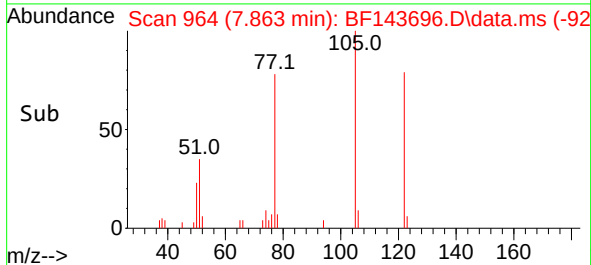
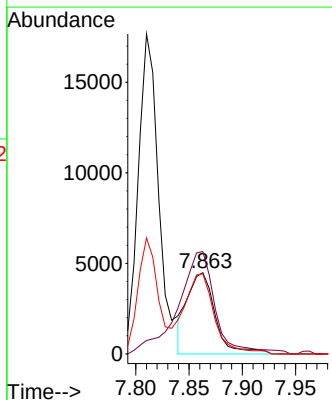
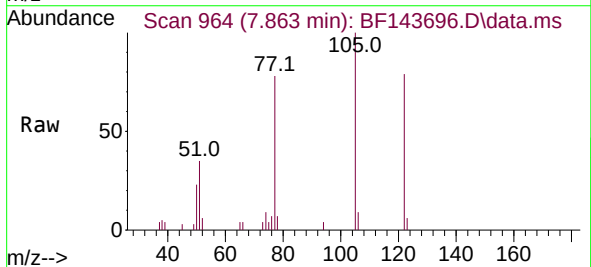
Manual Integrations
APPROVED

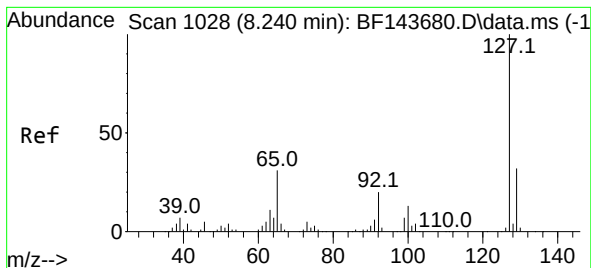
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#32
Benzoic acid
Concen: 5.232 ng
RT: 7.863 min Scan# 964
Delta R.T. -0.047 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

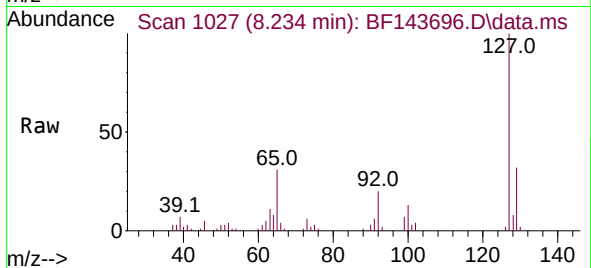
Tgt Ion:122 Resp: 8238
Ion Ratio Lower Upper
122 100
105 126.0 105.2 145.2
77 98.7 72.0 112.0





#33
4-Chloroaniline
Concen: 9.773 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

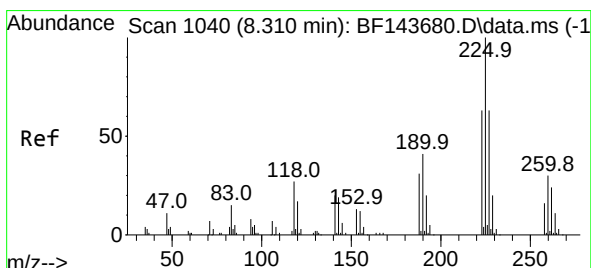
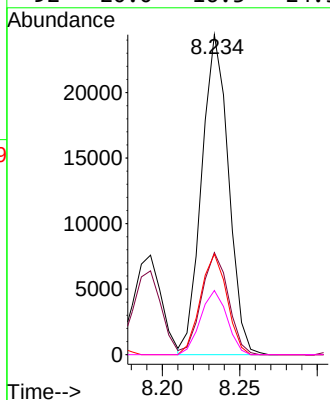
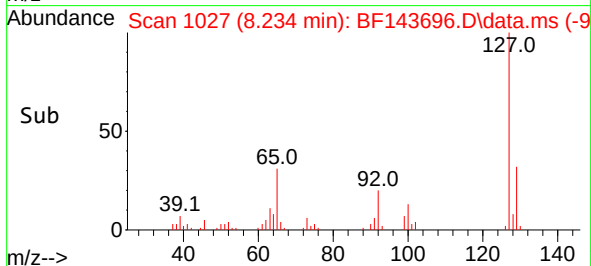
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



Tgt Ion:	127	Resp:	2954
Ion Ratio	Lower	Upper	
127	100		
129	31.9	26.0	39.0
65	31.4	24.6	36.8
92	20.0	16.3	24.5

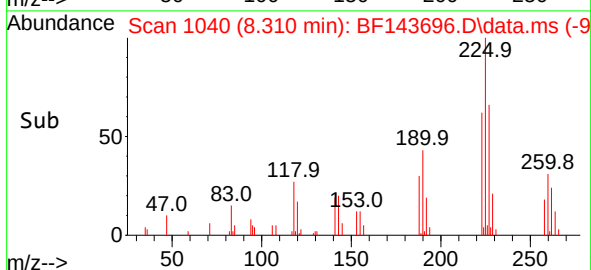
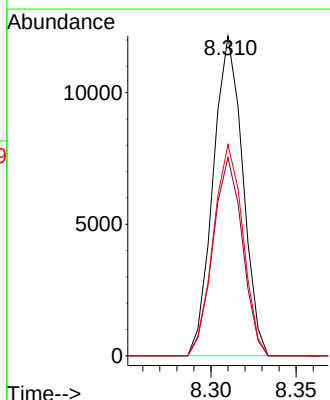
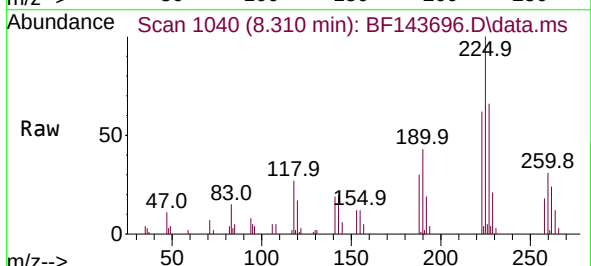
Manual Integrations
APPROVED

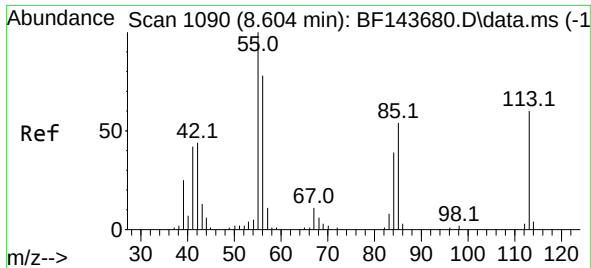
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#34
Hexachlorobutadiene
Concen: 8.350 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

Tgt Ion:	225	Resp:	14649
Ion Ratio	Lower	Upper	
225	100		
223	62.0	50.6	76.0
227	66.1	50.8	76.2





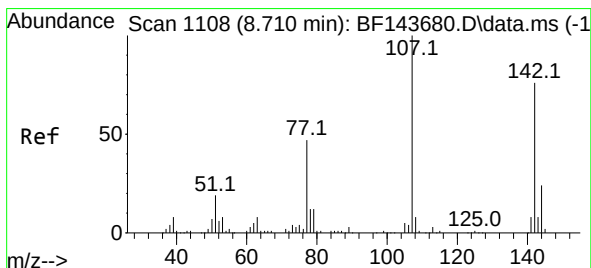
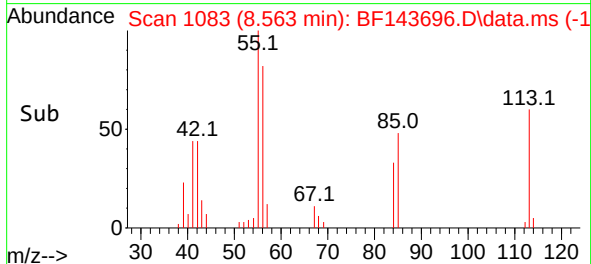
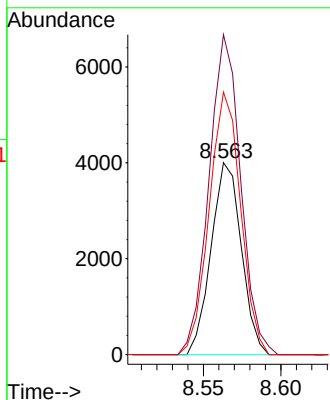
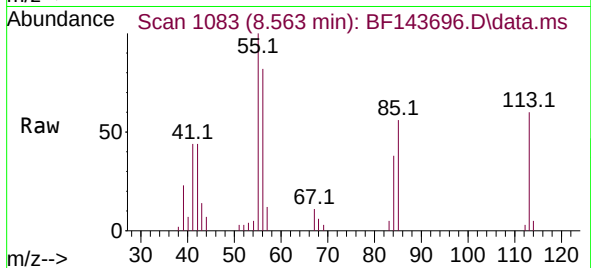
#35
Caprolactam
Concen: 7.881 ng
RT: 8.563 min Scan# 1090
Delta R.T. -0.041 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

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

Tgt Ion:113 Resp: 5446
Ion Ratio Lower Upper
113 100
55 166.7 148.9 188.9
56 136.8 112.8 152.8

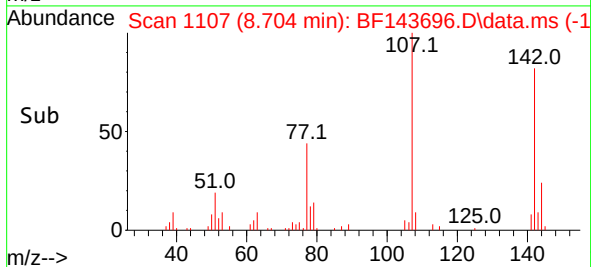
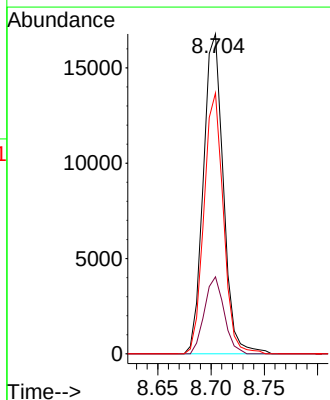
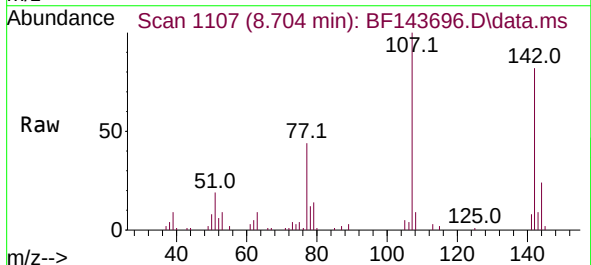
Manual Integrations
APPROVED

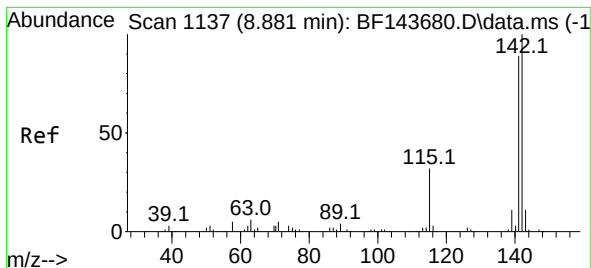
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#36
4-Chloro-3-methylphenol
Concen: 8.539 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

Tgt Ion:107 Resp: 21860
Ion Ratio Lower Upper
107 100
144 24.1 19.4 29.2
142 81.5 60.6 91.0





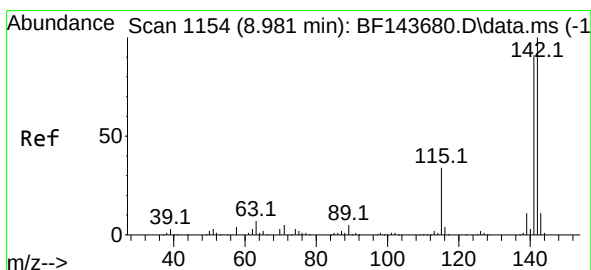
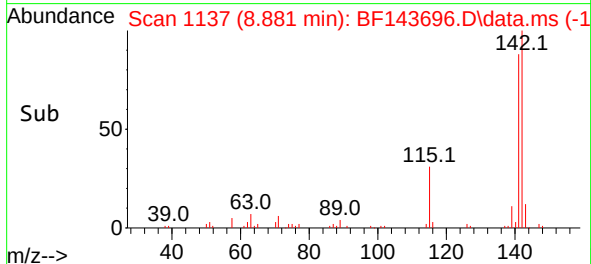
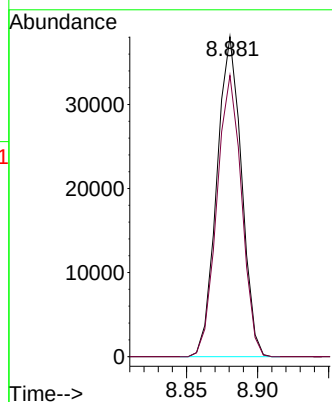
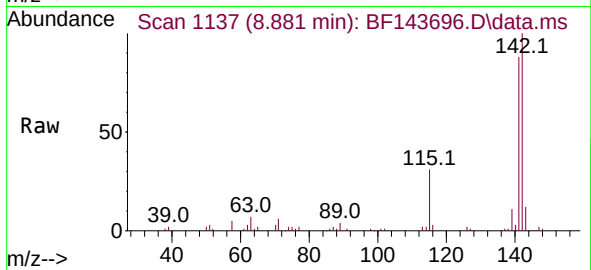
#37
2-Methylnaphthalene
Concen: 7.752 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

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

Tgt Ion:142 Resp: 46072
Ion Ratio Lower Upper
142 100
141 87.9 71.1 106.7

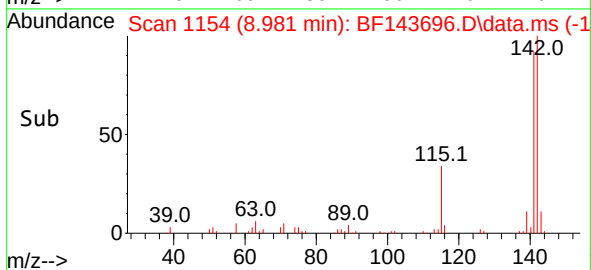
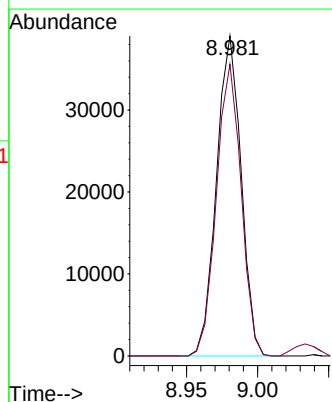
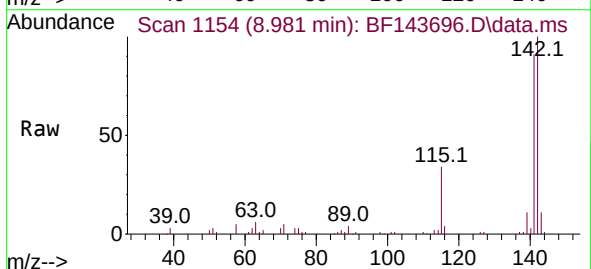
Manual Integrations
APPROVED

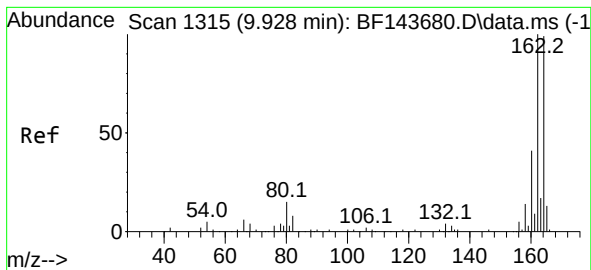
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#38
1-Methylnaphthalene
Concen: 8.267 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

Tgt Ion:142 Resp: 47159
Ion Ratio Lower Upper
142 100
141 91.1 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF143696.D

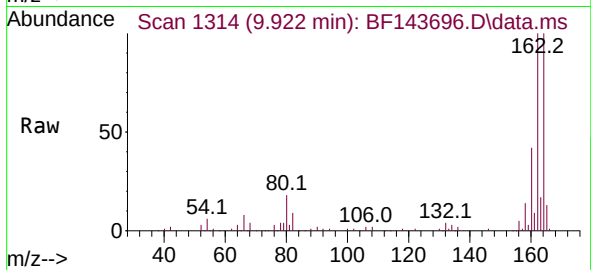
Acq: 10 Sep 2025 11:18

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2025



Tgt Ion:164 Resp: 103014

Ion Ratio Lower Upper

164 100

162 100.4 80.6 121.0

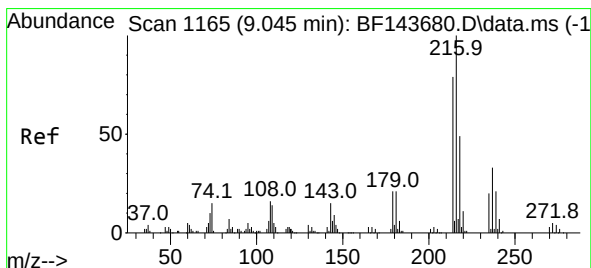
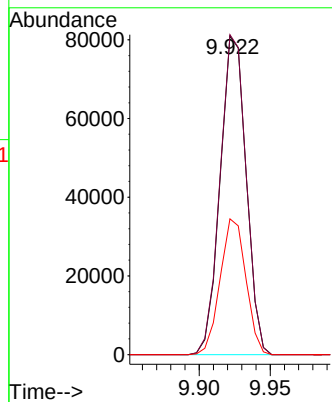
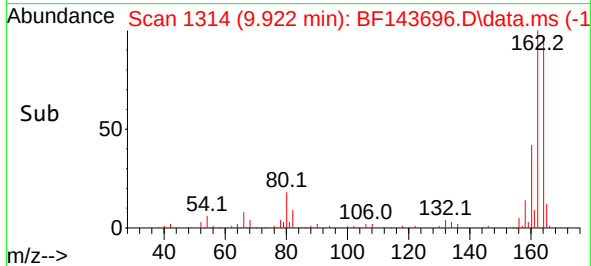
160 42.6 33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.207 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF143696.D

Acq: 10 Sep 2025 11:18

Tgt Ion:216 Resp: 24204

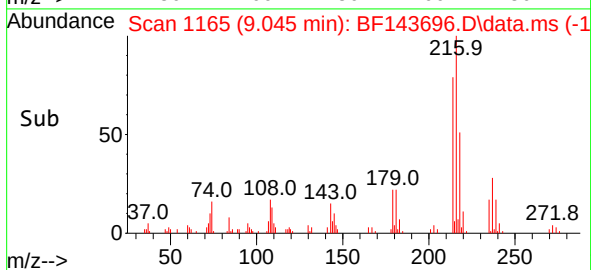
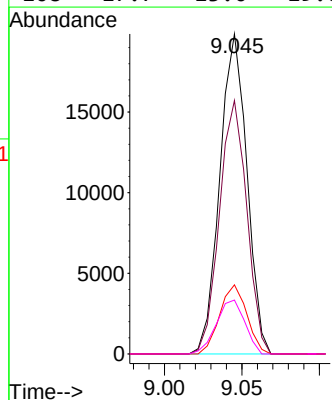
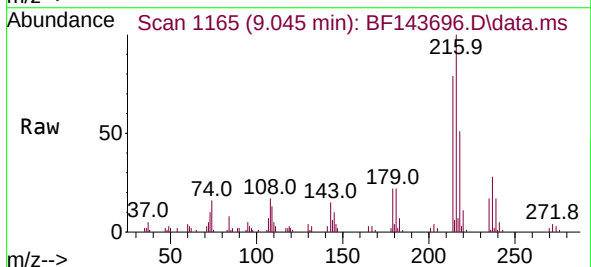
Ion Ratio Lower Upper

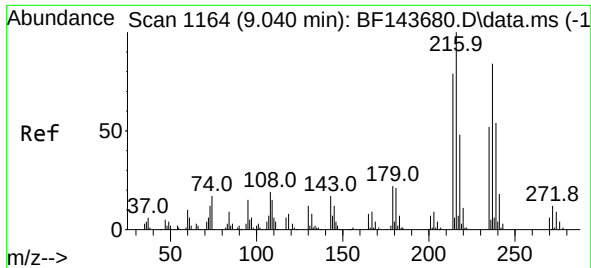
216 100

214 79.7 63.2 94.8

179 21.6 16.8 25.2

108 17.7 13.0 19.6





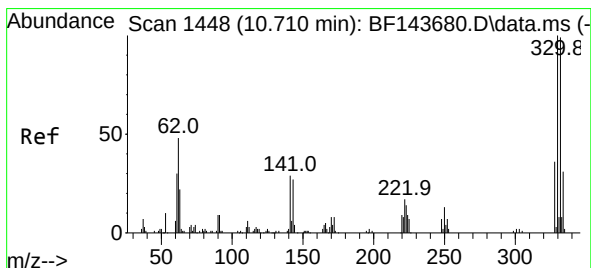
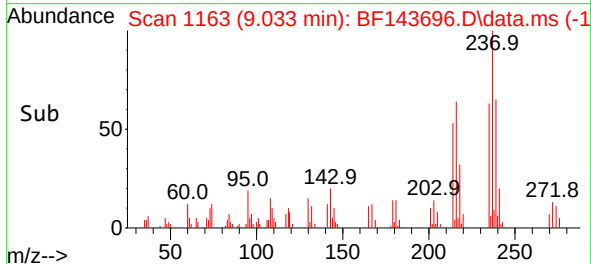
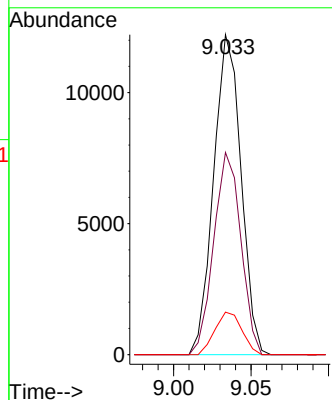
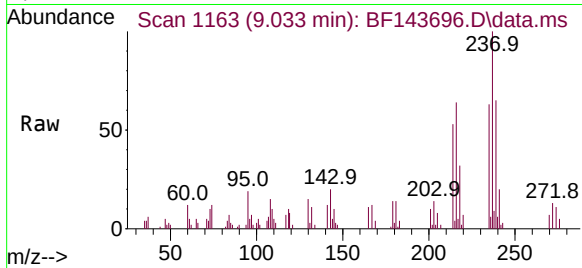
#41
Hexachlorocyclopentadiene
Concen: 9.955 ng
RT: 9.033 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

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

Tgt Ion: 237 Resp: 15073
Ion Ratio Lower Upper
237 100
235 63.2 41.6 81.6
272 13.3 0.0 33.9

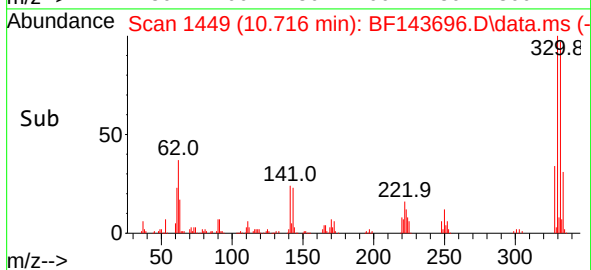
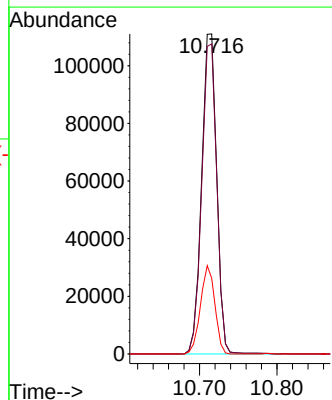
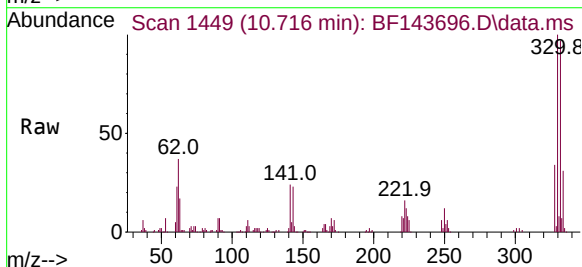
Manual Integrations
APPROVED

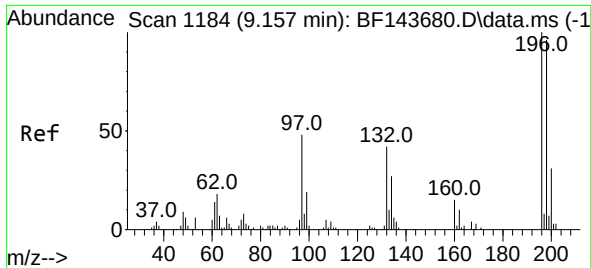
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#42
2,4,6-Tribromophenol
Concen: 144.274 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

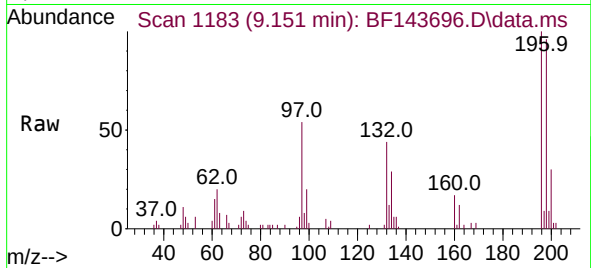
Tgt Ion: 330 Resp: 149778
Ion Ratio Lower Upper
330 100
332 96.3 79.2 118.8
141 26.2 22.2 33.4





#43
2,4,6-Trichlorophenol
Concen: 7.827 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

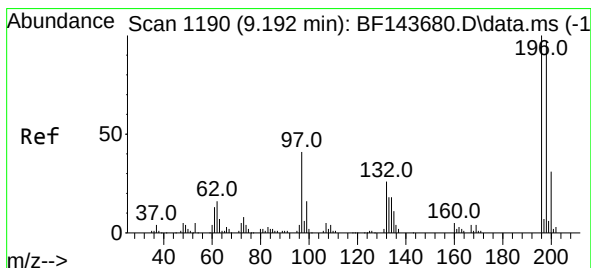
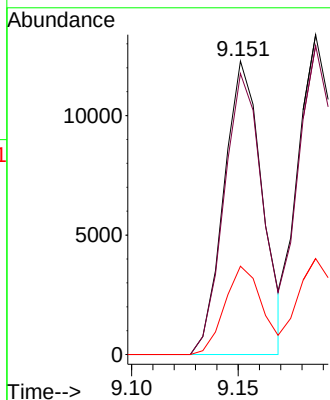
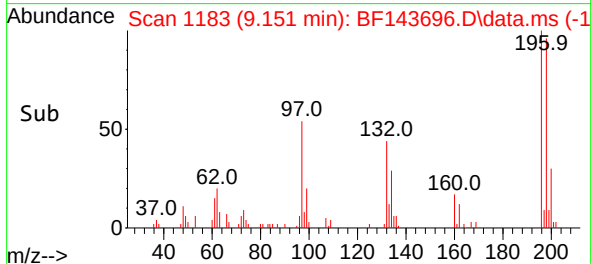
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



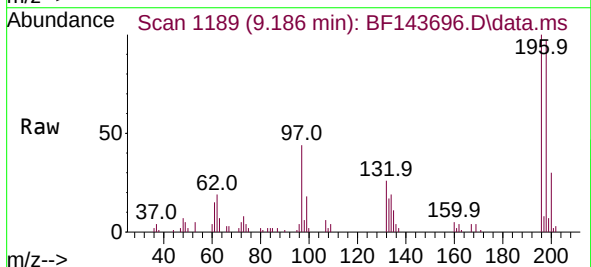
Tgt Ion:196 Resp: 15414
Ion Ratio Lower Upper
196 100
198 95.8 76.5 114.7
200 30.1 24.5 36.7

Manual Integrations
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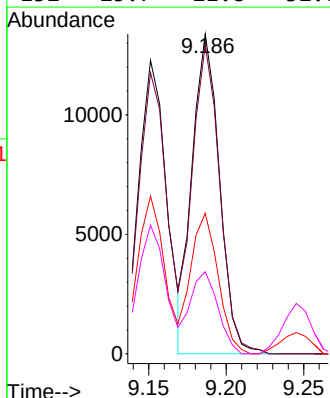
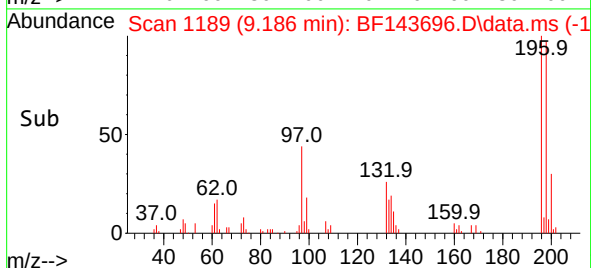
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025

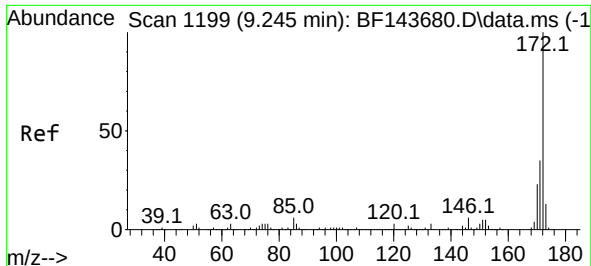


#44
2,4,5-Trichlorophenol
Concen: 8.218 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18



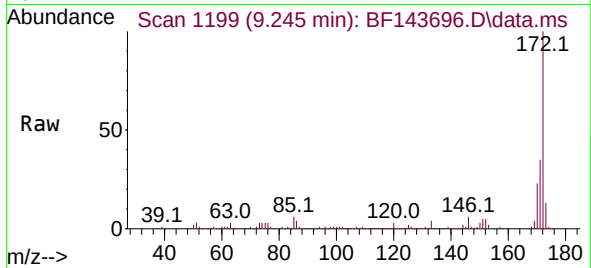
Tgt Ion:196 Resp: 16453
Ion Ratio Lower Upper
196 100
198 96.6 77.0 115.6
97 43.9 34.2 51.4
132 25.7 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 93.846 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

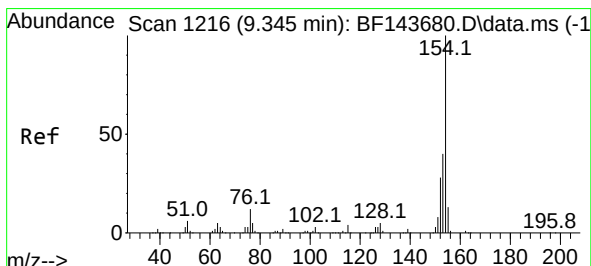
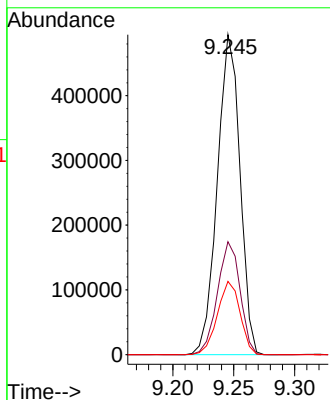
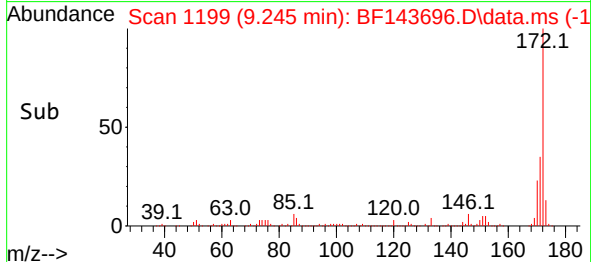
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



Tgt Ion:172 Resp: 639962
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 22.9 18.6 27.8

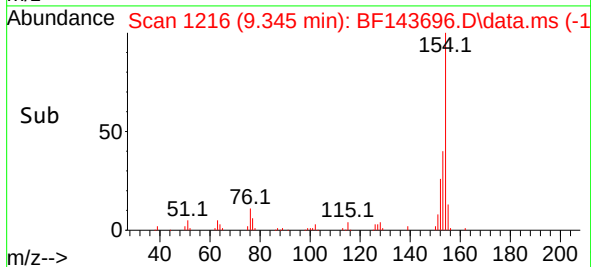
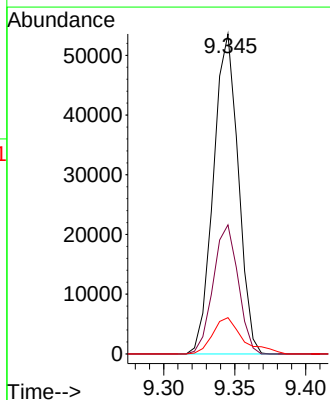
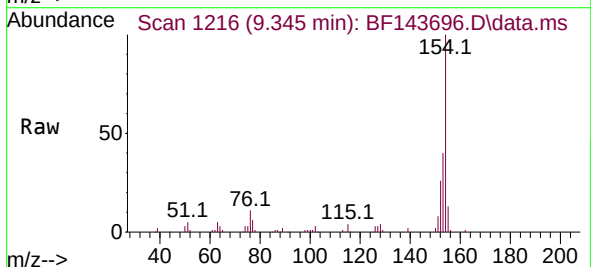
Manual Integrations
APPROVED

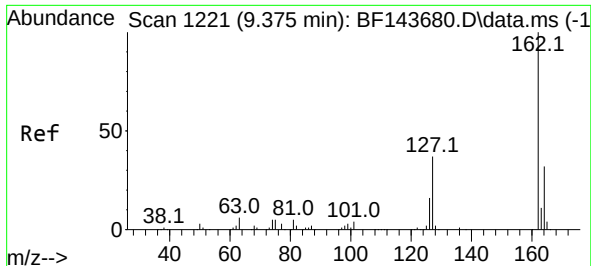
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#46
1,1'-Biphenyl
Concen: 8.799 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

Tgt Ion:154 Resp: 65254
Ion Ratio Lower Upper
154 100
153 40.3 20.2 60.2
76 11.3 0.0 31.6





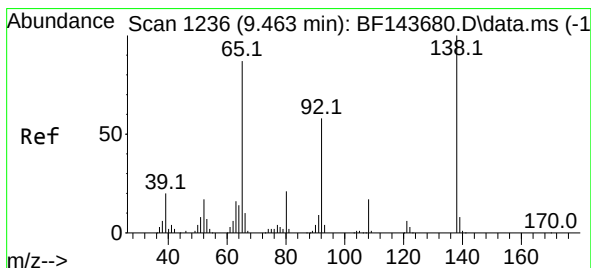
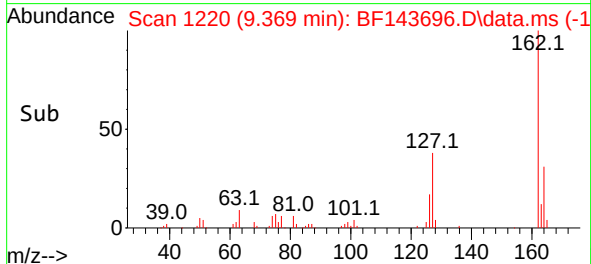
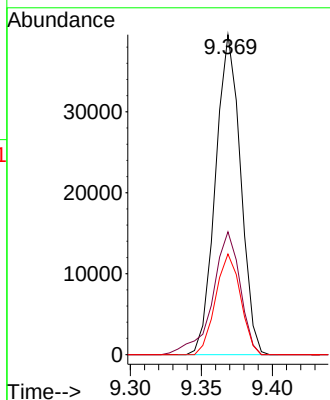
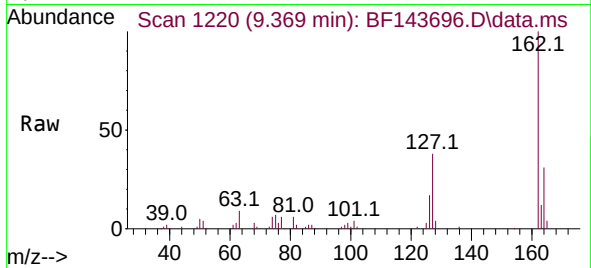
#47
2-Chloronaphthalene
Concen: 8.364 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

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

Tgt Ion:162 Resp: 48629
Ion Ratio Lower Upper
162 100
127 38.4 30.6 45.8
164 31.4 25.8 38.8

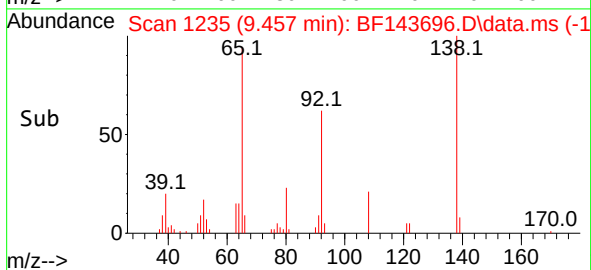
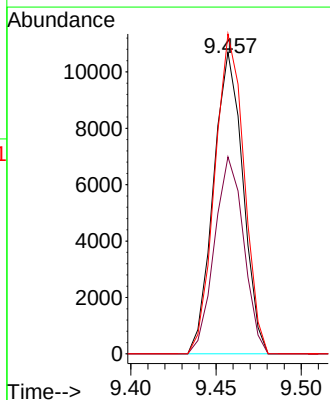
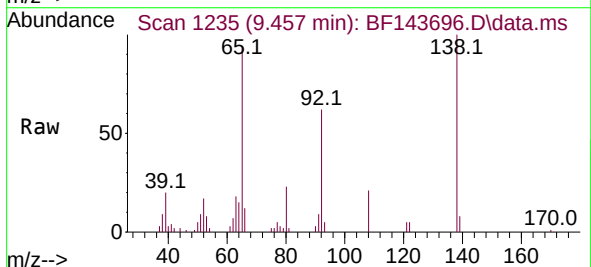
Manual Integrations
APPROVED

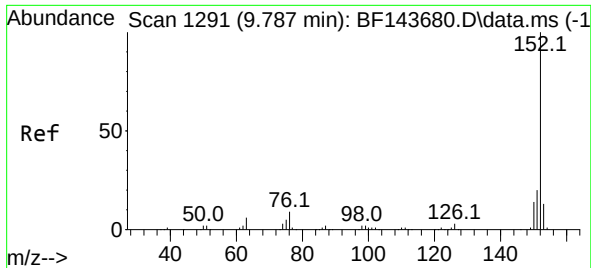
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#48
2-Nitroaniline
Concen: 8.365 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

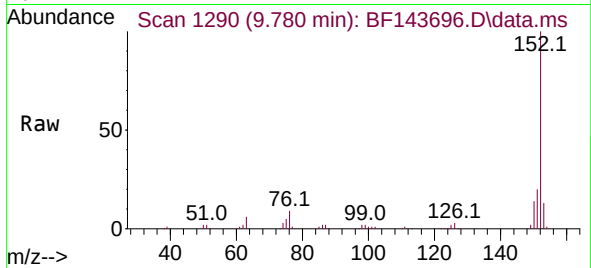
Tgt Ion: 65 Resp: 12871
Ion Ratio Lower Upper
65 100
92 65.3 53.3 79.9
138 106.1 92.1 138.1





#49
Acenaphthylene
Concen: 9.424 ng
RT: 9.780 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

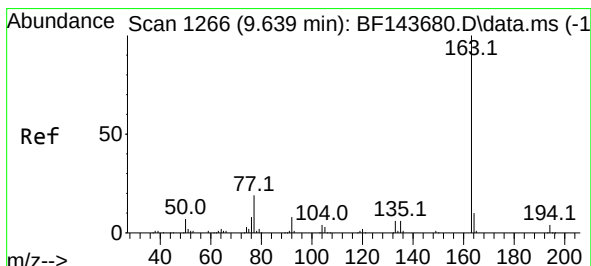
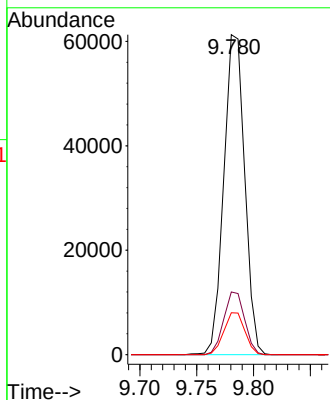
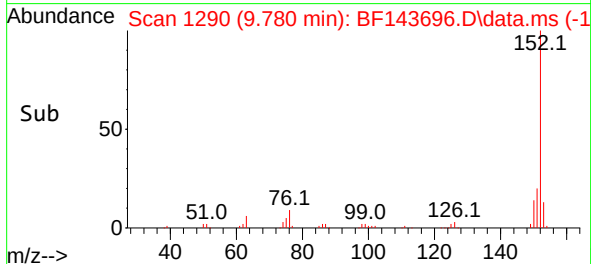
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



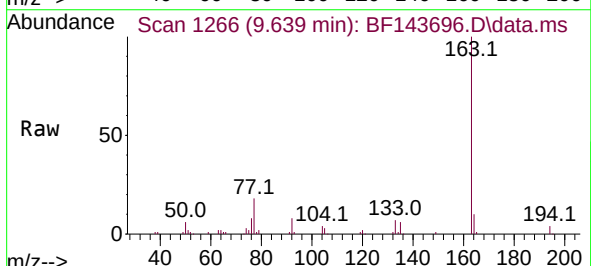
Tgt Ion:152 Resp: 7848
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.1 10.4 15.6

Manual Integrations
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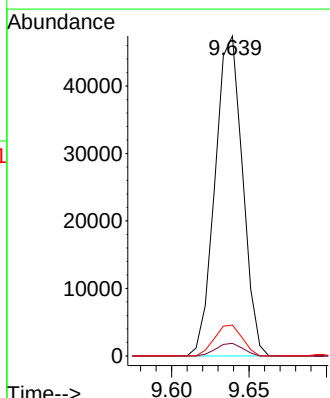
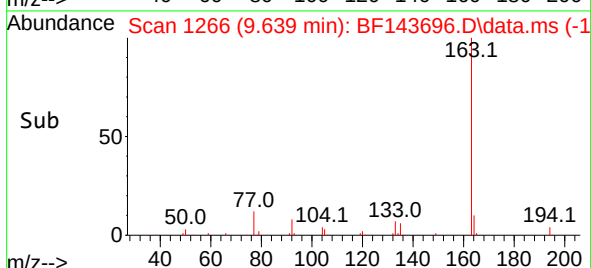
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025

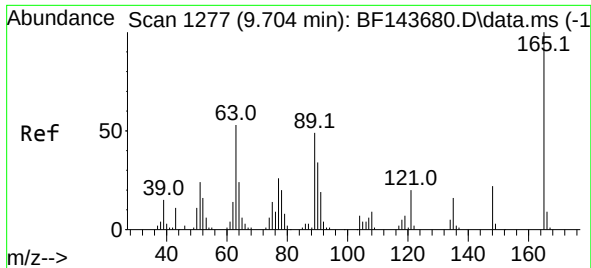


#50
Dimethylphthalate
Concen: 8.738 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18



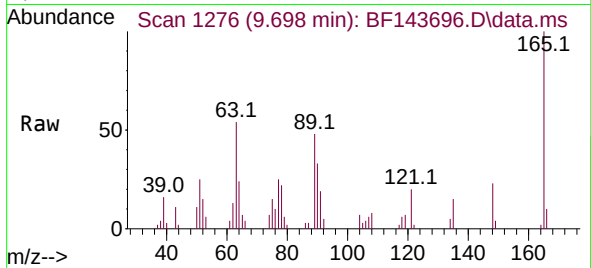
Tgt Ion:163 Resp: 58564
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.6 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 9.195 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

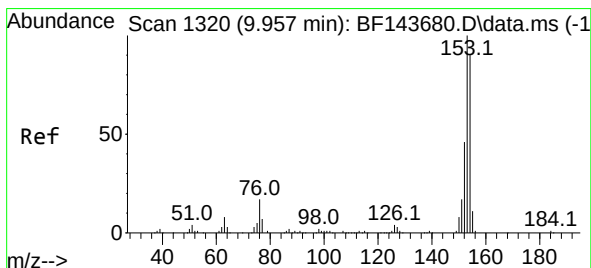
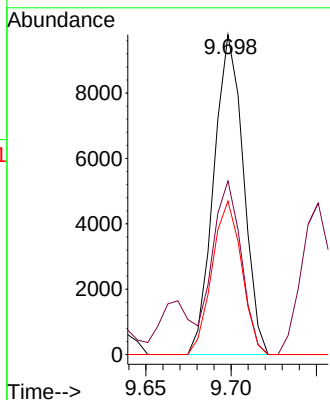
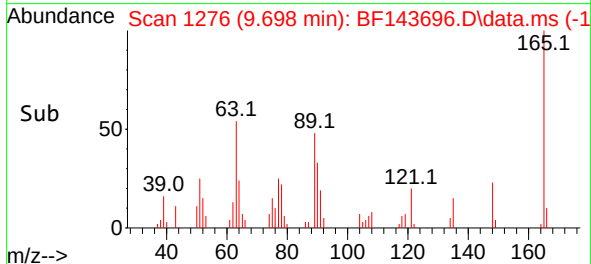
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



Tgt Ion:165 Resp: 11783
Ion Ratio Lower Upper
165 100
63 54.3 42.2 63.4
89 48.0 39.3 58.9

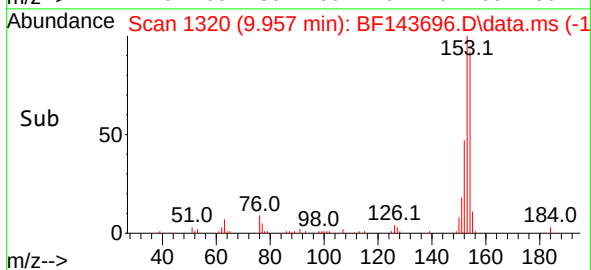
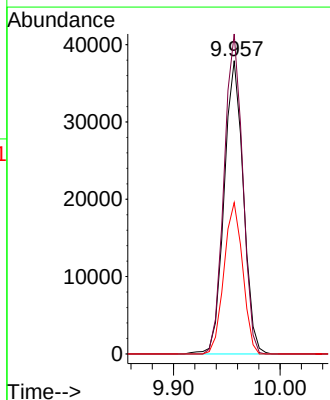
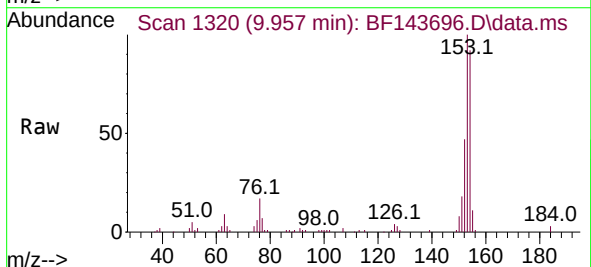
Manual Integrations
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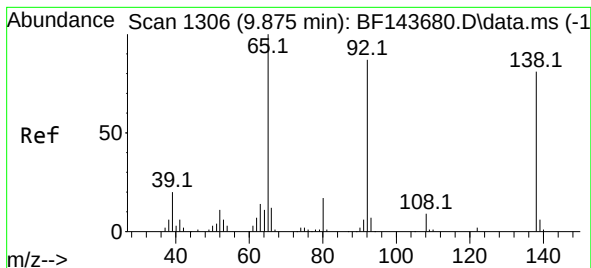
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#52
Acenaphthene
Concen: 8.293 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

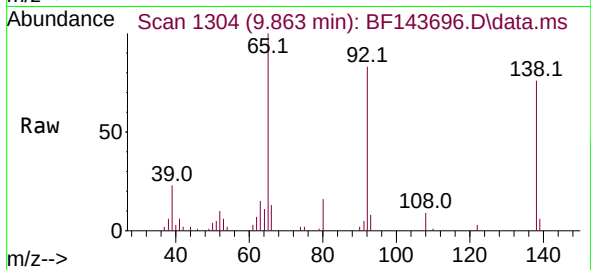
Tgt Ion:154 Resp: 47591
Ion Ratio Lower Upper
154 100
153 109.2 89.4 134.0
152 51.6 41.2 61.8





#53
3-Nitroaniline
Concen: 9.021 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.012 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

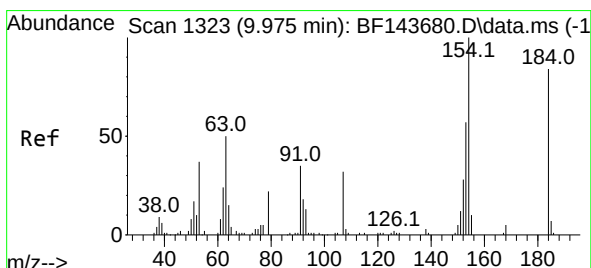
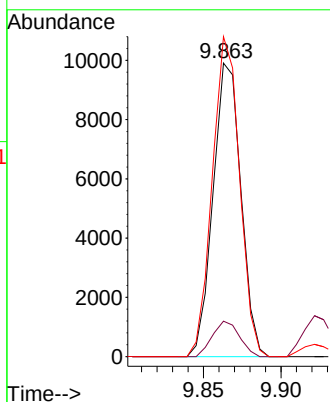
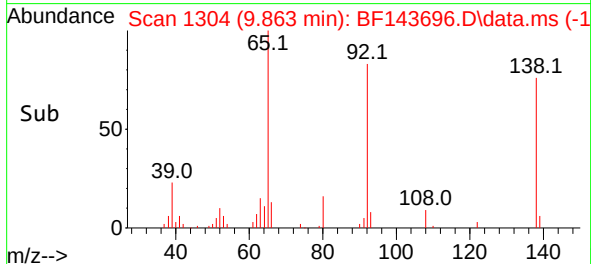
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



Tgt Ion:138 Resp: 12440
Ion Ratio Lower Upper
138 100
108 12.1 8.6 12.8
92 109.0 85.5 128.3

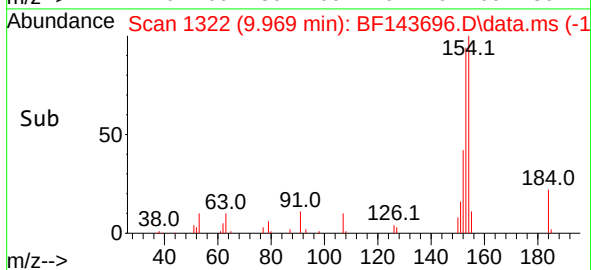
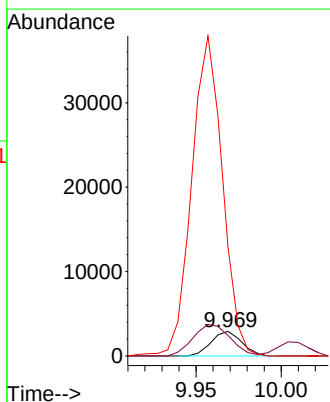
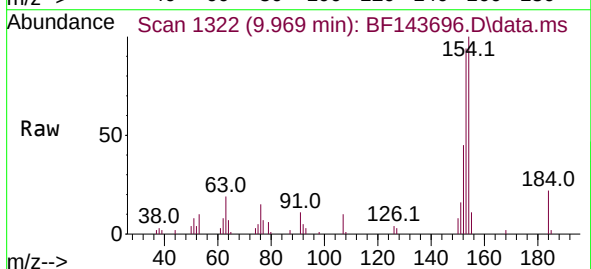
Manual Integrations
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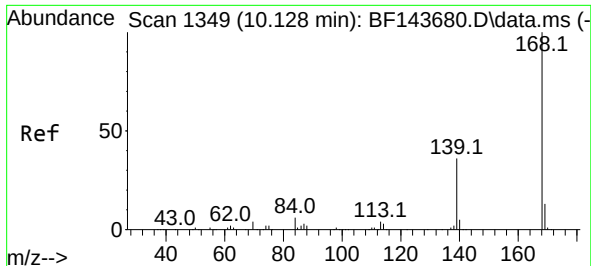
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#54
2,4-Dinitrophenol
Concen: 10.446 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

Tgt Ion:184 Resp: 3596
Ion Ratio Lower Upper
184 100
63 82.8 52.7 79.1#
154 444.6 136.6 204.8#





#55

Dibenzenofuran

Concen: 8.475 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.000 min

Lab File: BF143696.D

Acq: 10 Sep 2025 11:18

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2025

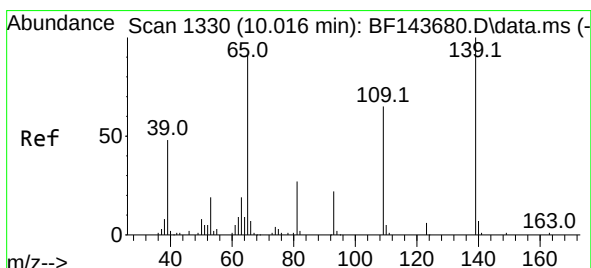
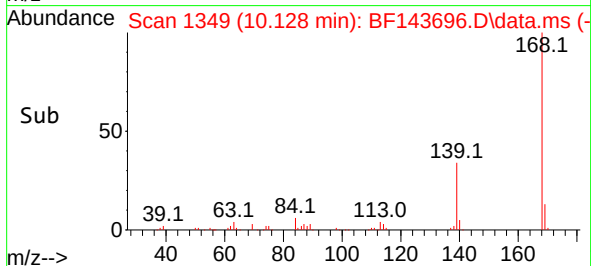
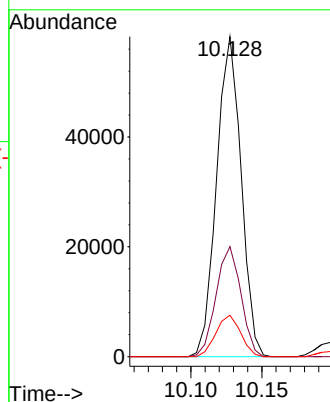
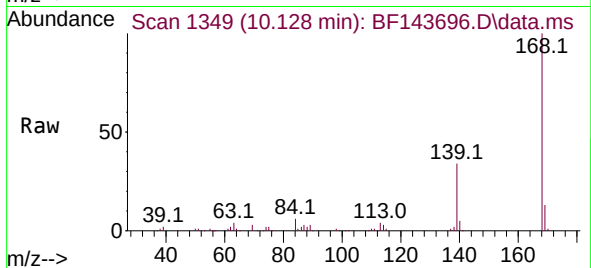
Tgt Ion:168 Resp: 69937
 Ion Ratio Lower Upper
 168 100
 139 34.4 29.0 43.4
 169 12.9 10.8 16.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#56

4-Nitrophenol

Concen: 8.072 ng

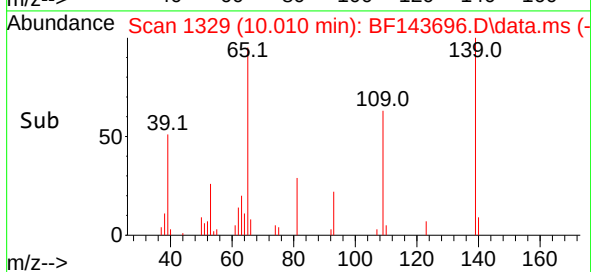
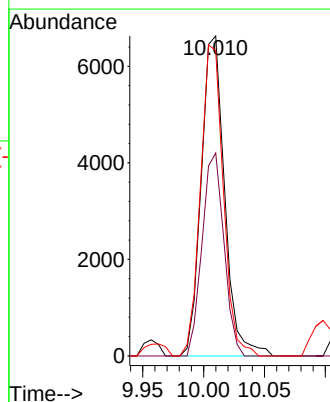
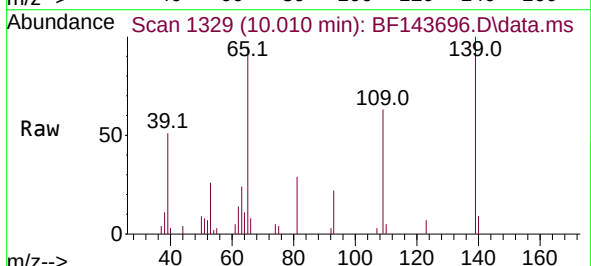
RT: 10.010 min Scan# 1329

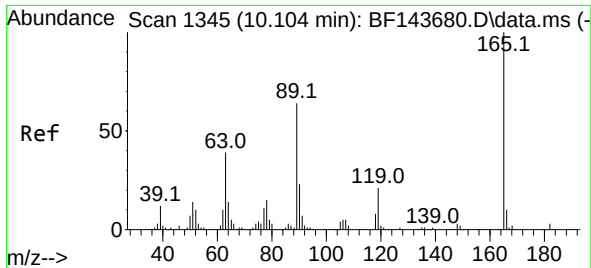
Delta R.T. -0.006 min

Lab File: BF143696.D

Acq: 10 Sep 2025 11:18

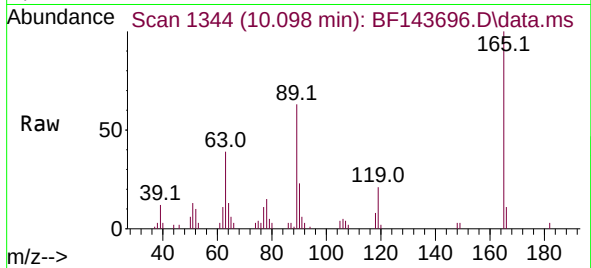
Tgt Ion:139 Resp: 8856
 Ion Ratio Lower Upper
 139 100
 109 63.4 45.2 85.2
 65 95.4 72.1 112.1





#57
2,4-Dinitrotoluene
Concen: 8.632 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

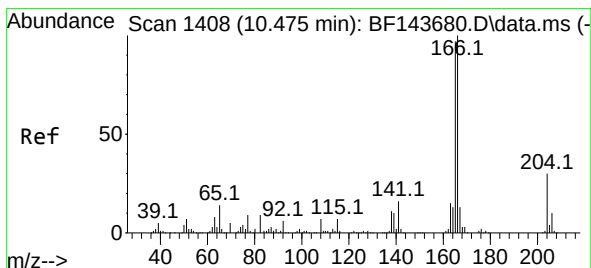
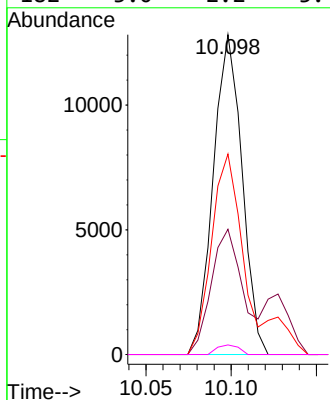
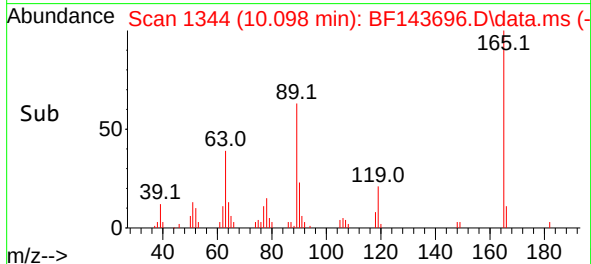
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



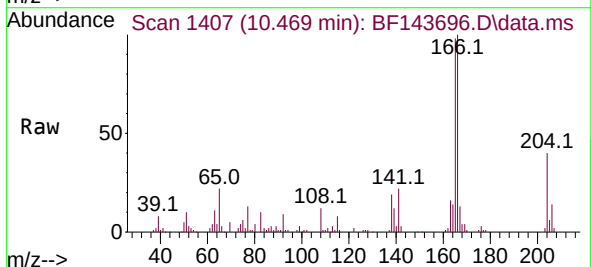
Tgt Ion:165 Resp: 15056
Ion Ratio Lower Upper
165 100
63 39.2 31.5 47.3
89 62.7 51.3 76.9
182 3.0 2.2 3.4

Manual Integrations
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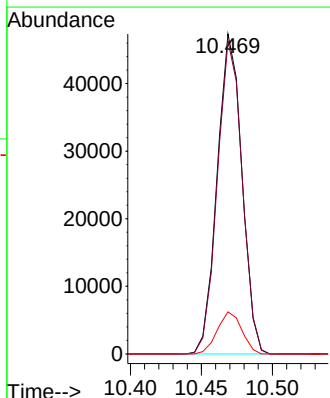
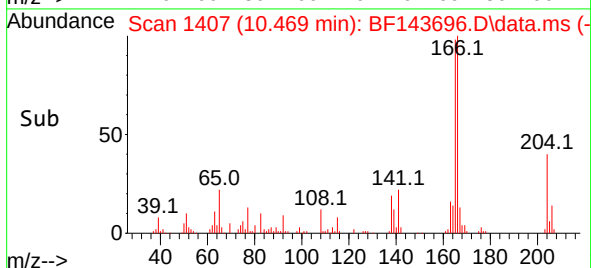
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025

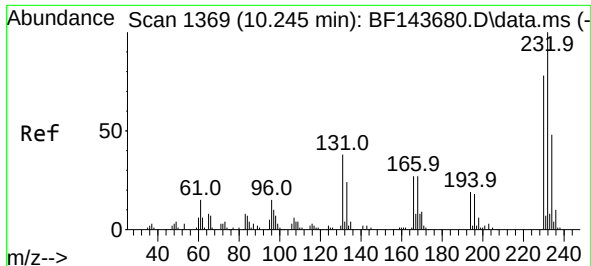


#58
Fluorene
Concen: 8.881 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18



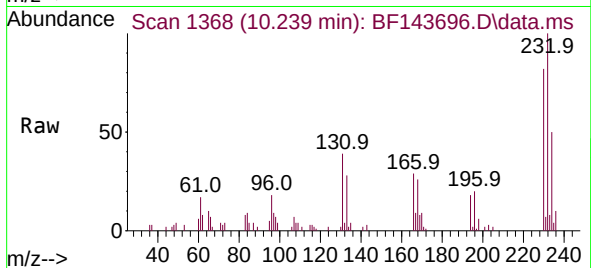
Tgt Ion:166 Resp: 57370
Ion Ratio Lower Upper
166 100
165 97.8 77.5 116.3
167 13.1 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.491 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

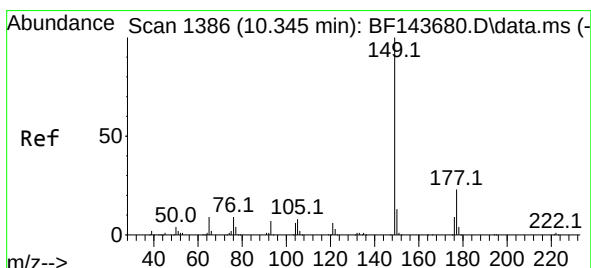
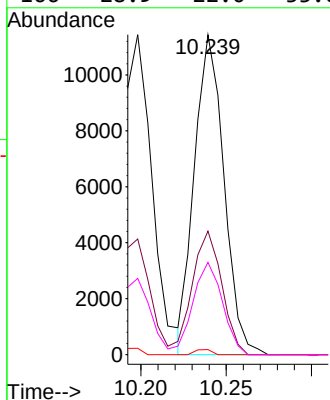
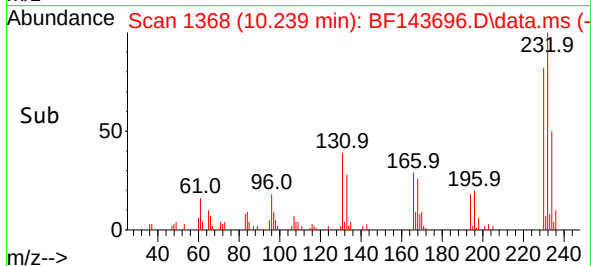
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



Tgt Ion:232 Resp: 13784
Ion Ratio Lower Upper
232 100
131 38.9 31.9 47.9
130 0.9 1.4 2.0
166 28.9 22.0 33.0

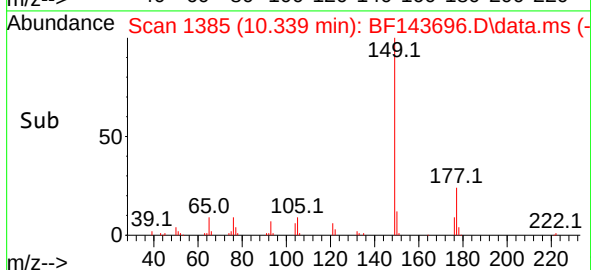
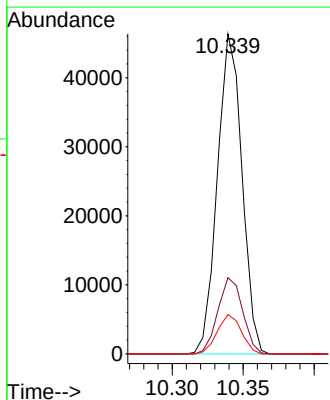
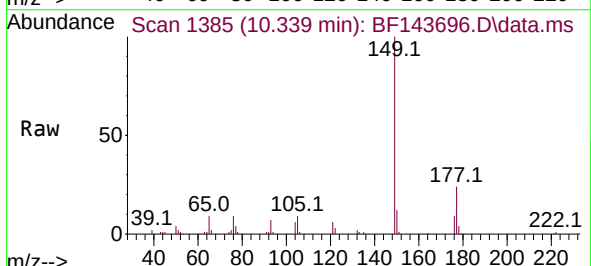
Manual Integrations
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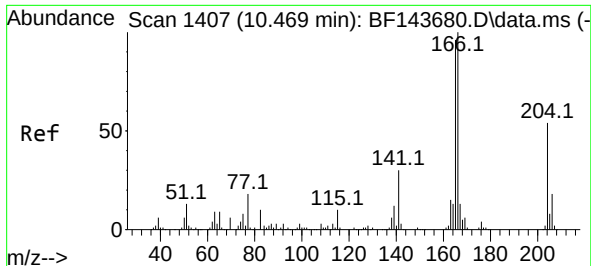
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#60
Diethylphthalate
Concen: 8.884 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

Tgt Ion:149 Resp: 55900
Ion Ratio Lower Upper
149 100
177 23.8 18.2 27.2
150 12.3 10.0 15.0





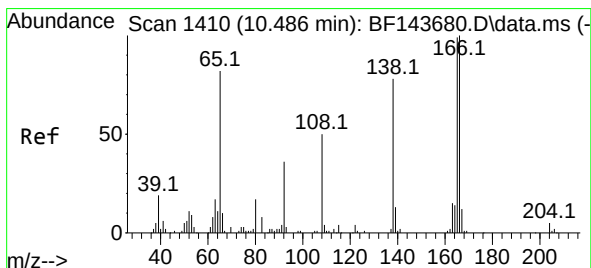
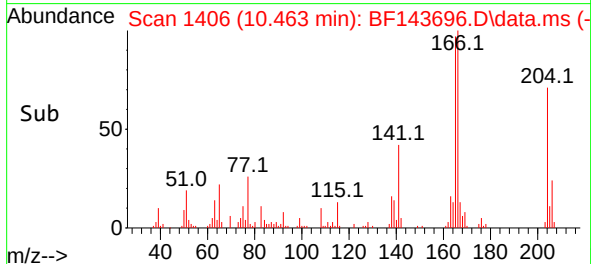
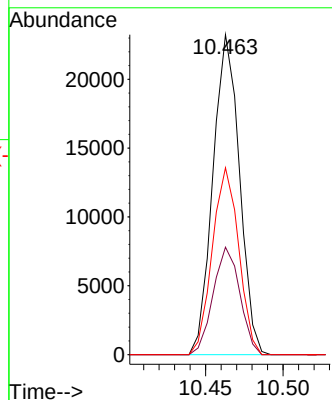
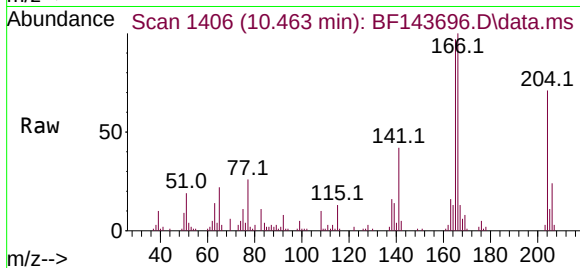
#61
4-Chlorophenyl-phenylether
Concen: 8.466 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

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

Tgt Ion:204 Resp: 27734
Ion Ratio Lower Upper
204 100
206 33.6 26.0 39.0
141 58.4 44.8 67.2

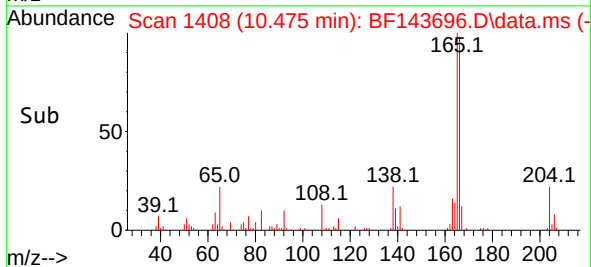
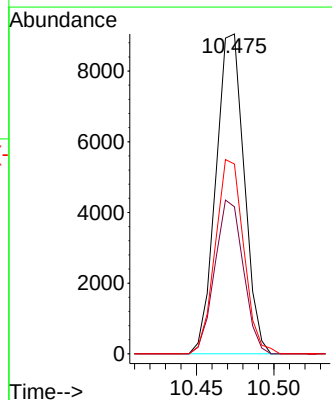
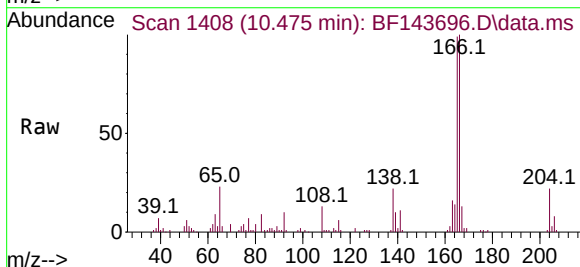
Manual Integrations
APPROVED

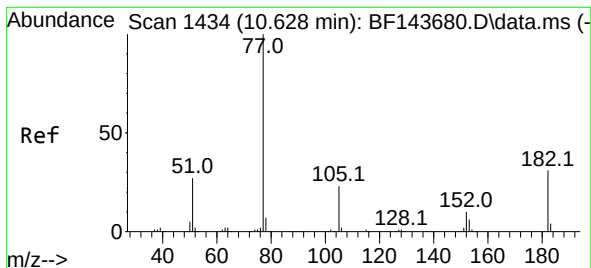
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#62
4-Nitroaniline
Concen: 8.837 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

Tgt Ion:138 Resp: 11542
Ion Ratio Lower Upper
138 100
92 46.0 26.4 66.4
108 59.3 44.3 84.3





#63

Azobenzene

Concen: 8.718 ng

RT: 10.622 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF143696.D

Acq: 10 Sep 2025 11:18

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2025

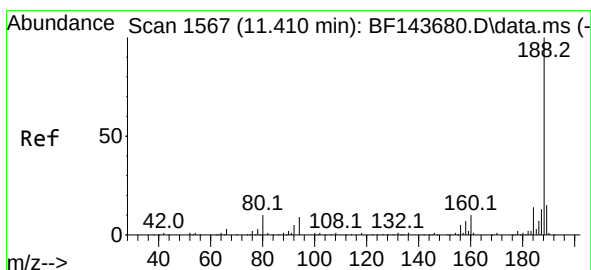
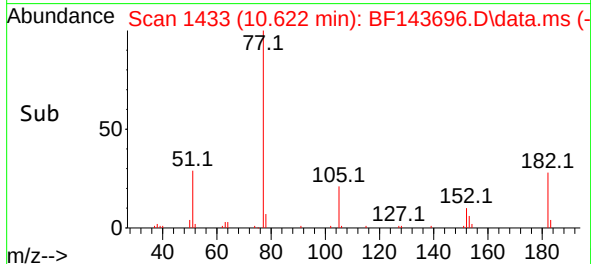
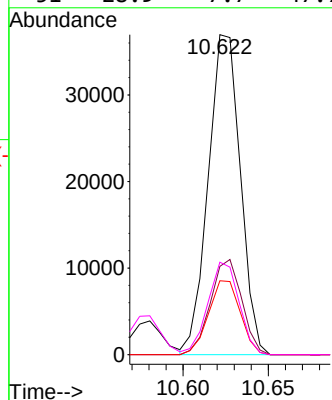
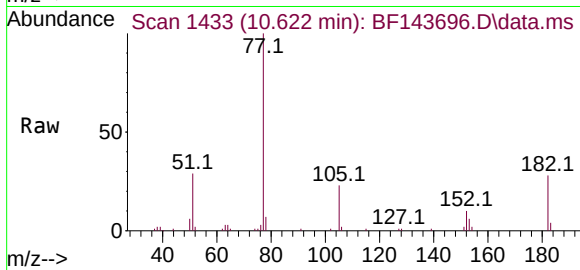
Tgt Ion: 77	Resp: 48496
Ion Ratio	Lower Upper
77 100	
182 27.6	10.8 50.8
105 23.1	3.2 43.2
51 28.9	7.7 47.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

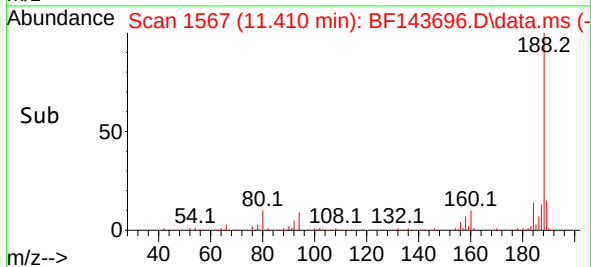
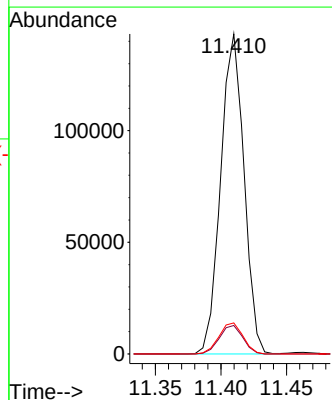
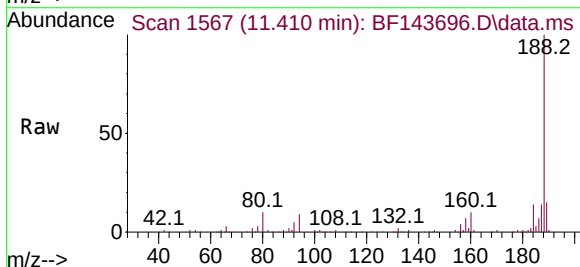
RT: 11.410 min Scan# 1567

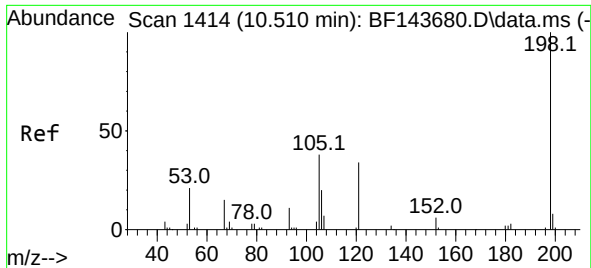
Delta R.T. -0.000 min

Lab File: BF143696.D

Acq: 10 Sep 2025 11:18

Tgt Ion:188	Resp: 177744
Ion Ratio	Lower Upper
188 100	
94 8.9	7.4 11.0
80 9.7	7.7 11.5





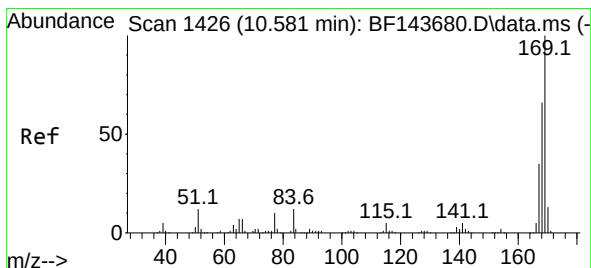
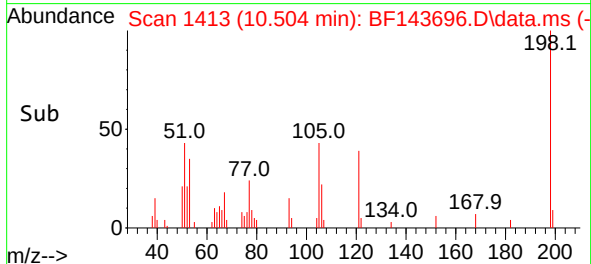
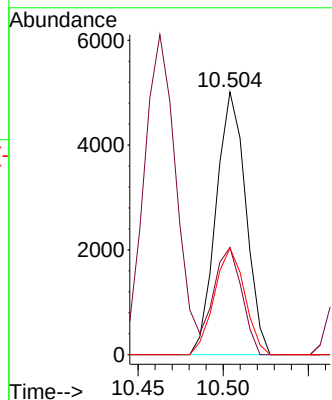
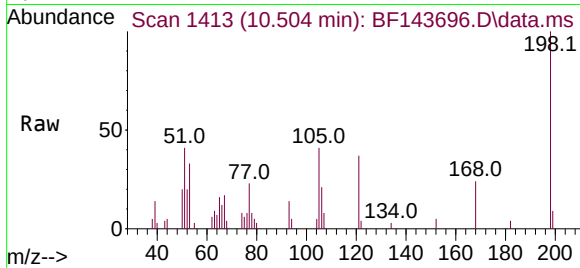
#65
4,6-Dinitro-2-methylphenol
Concen: 6.704 ng
RT: 10.504 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

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

Tgt Ion:198 Resp: 6062
Ion Ratio Lower Upper
198 100
51 40.8 21.2 61.2
105 40.6 19.0 59.0

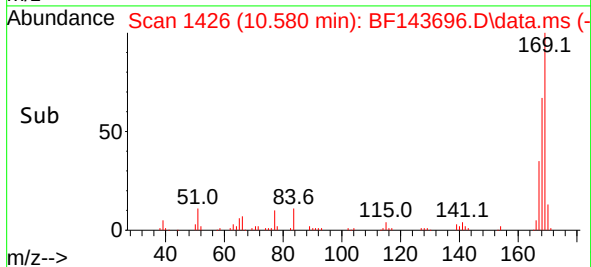
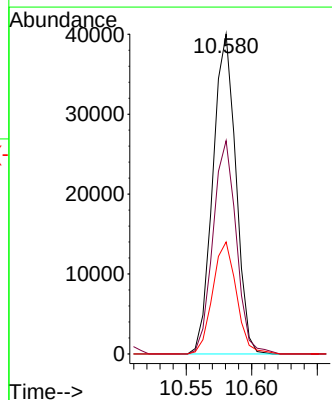
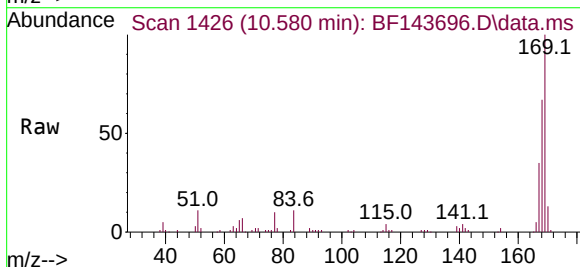
Manual Integrations
APPROVED

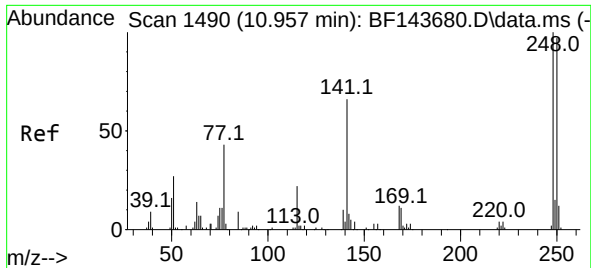
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#66
n-Nitrosodiphenylamine
Concen: 8.379 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

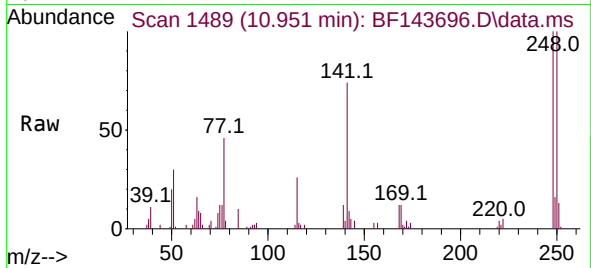
Tgt Ion:169 Resp: 48789
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 35.0 28.1 42.1





#67
4-Bromophenyl-phenylether
Concen: 8.171 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

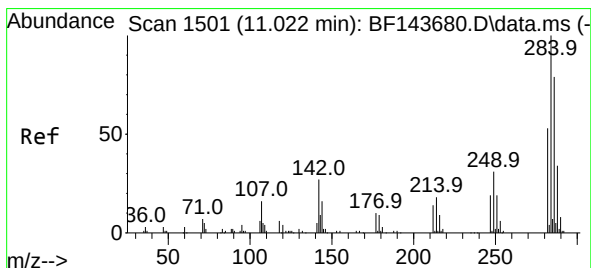
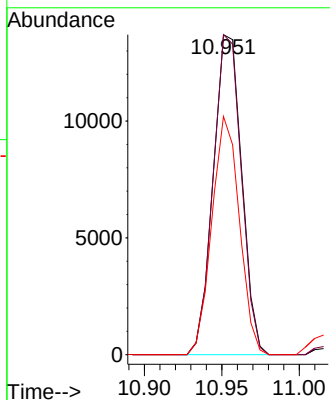
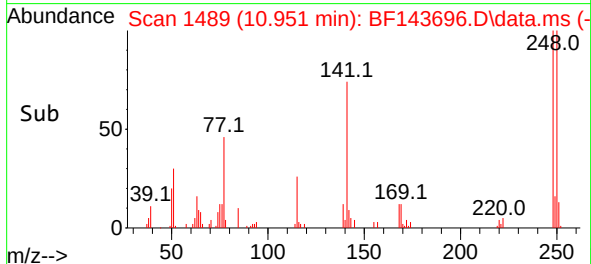
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



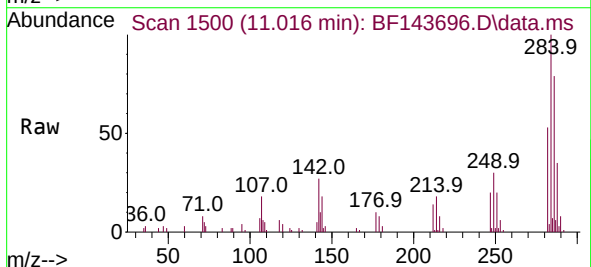
Tgt Ion:248 Resp: 17513
Ion Ratio Lower Upper
248 100
250 100.0 77.5 116.3
141 74.4 52.6 79.0

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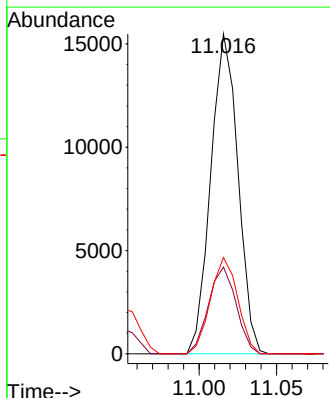
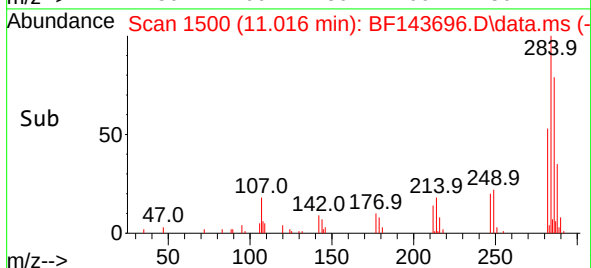
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025

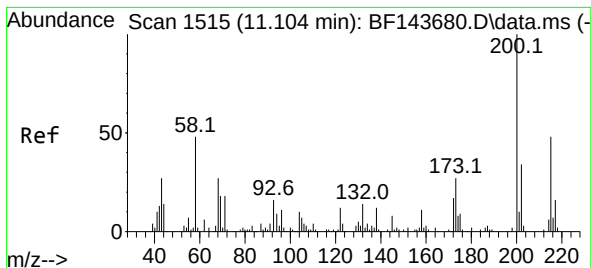


#68
Hexachlorobenzene
Concen: 8.356 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18



Tgt Ion:284 Resp: 18911
Ion Ratio Lower Upper
284 100
142 27.1 21.3 31.9
249 30.1 25.0 37.4





#69

Atrazine

Concen: 8.559 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.006 min

Lab File: BF143696.D

Acq: 10 Sep 2025 11:18

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2025

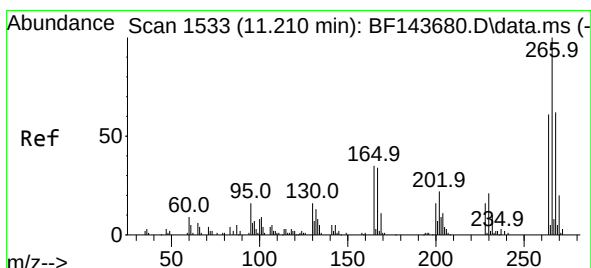
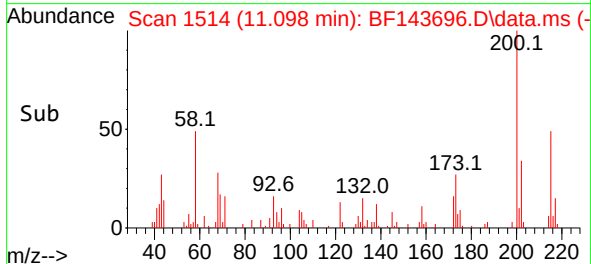
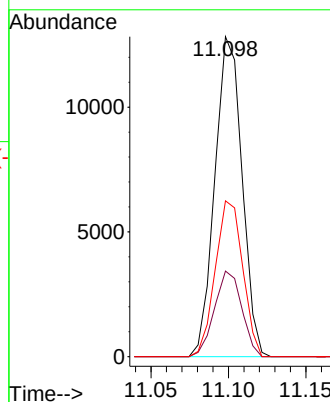
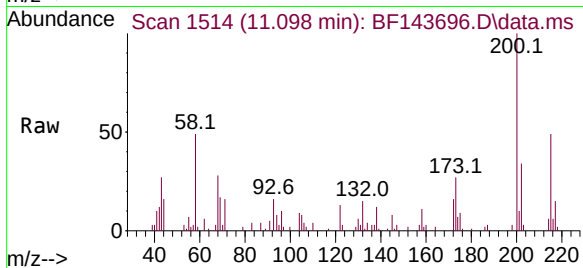
Tgt Ion:200 Resp: 1562
 Ion Ratio Lower Upper
 200 100
 173 26.7 7.3 47.3
 215 48.7 28.5 68.5

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#70

Pentachlorophenol

Concen: 6.978 ng

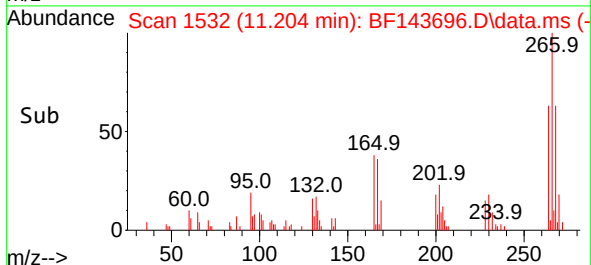
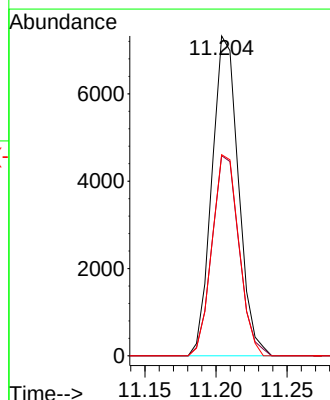
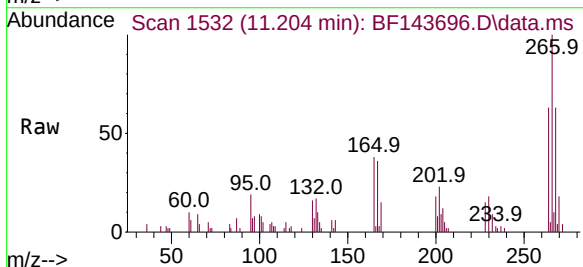
RT: 11.204 min Scan# 1532

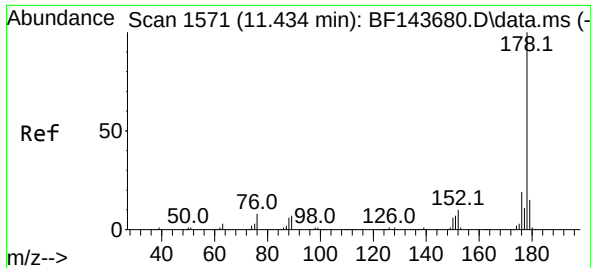
Delta R.T. -0.006 min

Lab File: BF143696.D

Acq: 10 Sep 2025 11:18

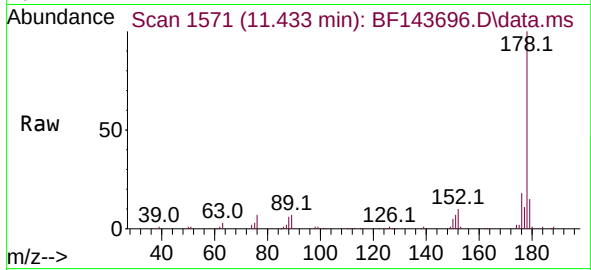
Tgt Ion:266 Resp: 9547
 Ion Ratio Lower Upper
 266 100
 268 62.6 49.2 73.8
 264 62.9 48.6 73.0





#71
Phenanthrene
Concen: 8.677 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

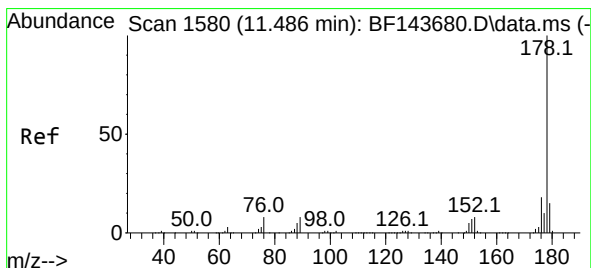
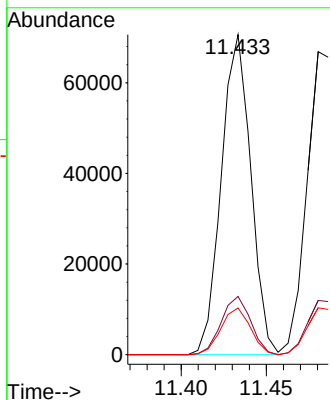
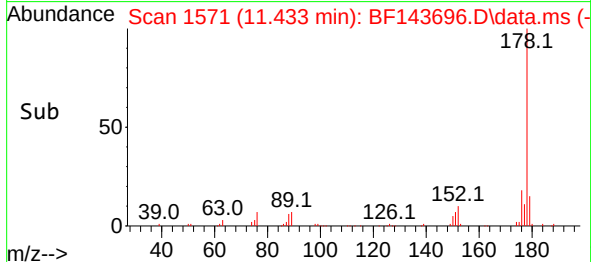
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



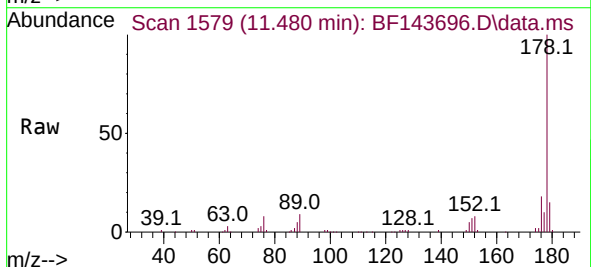
Tgt Ion:178 Resp: 84978
Ion Ratio Lower Upper
178 100
176 18.2 14.8 22.2
179 14.6 12.2 18.2

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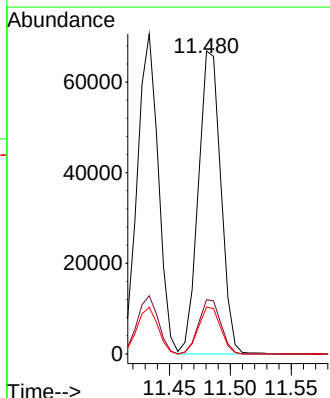
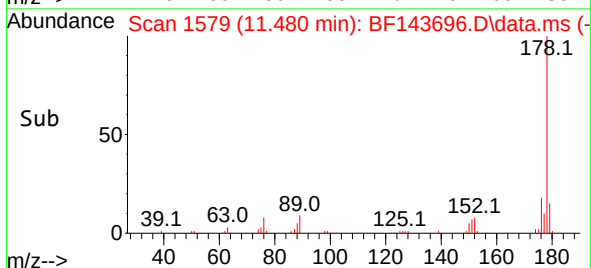
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025

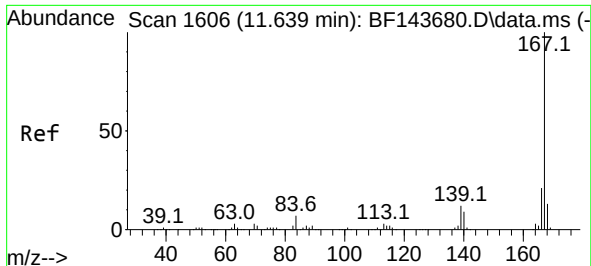


#72
Anthracene
Concen: 8.725 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18



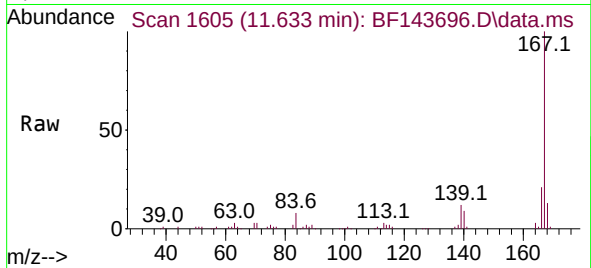
Tgt Ion:178 Resp: 85917
Ion Ratio Lower Upper
178 100
176 17.9 14.5 21.7
179 15.4 12.2 18.2





#73
 Carbazole
 Concen: 8.791 ng
 RT: 11.633 min Scan# 1605
 Delta R.T. -0.006 min
 Lab File: BF143696.D
 Acq: 10 Sep 2025 11:18

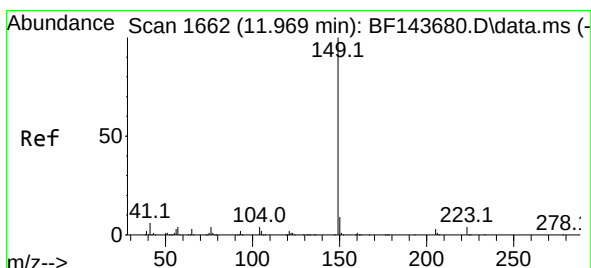
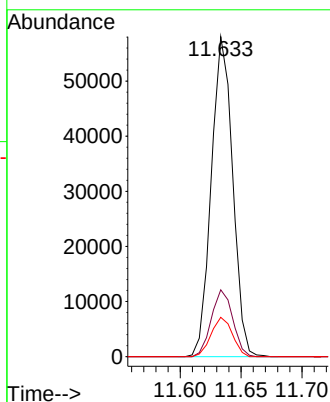
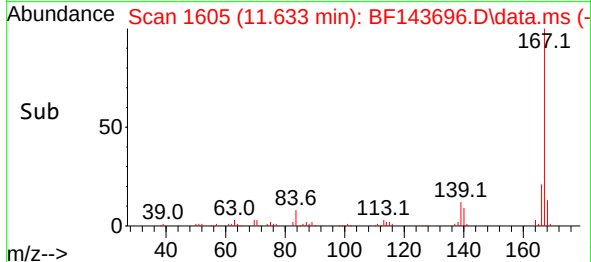
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT3-2025



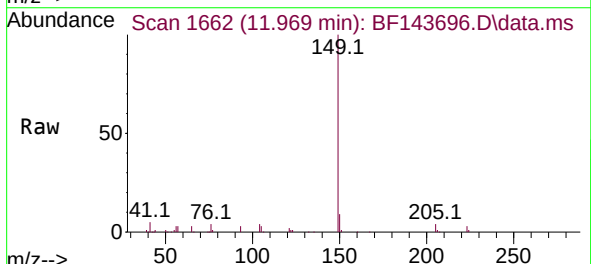
Tgt Ion:167 Resp: 70899
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.4
 139 12.3 9.7 14.5

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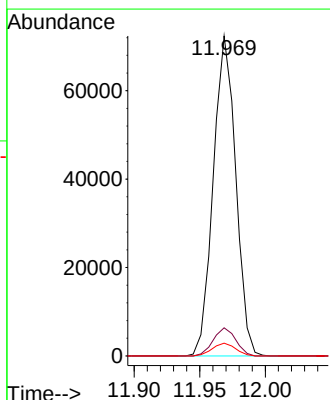
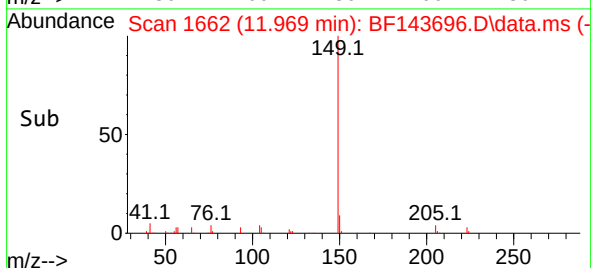
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/11/2025

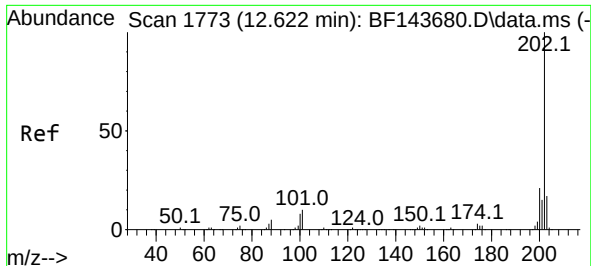


#74
 Di-n-butylphthalate
 Concen: 8.908 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. -0.000 min
 Lab File: BF143696.D
 Acq: 10 Sep 2025 11:18



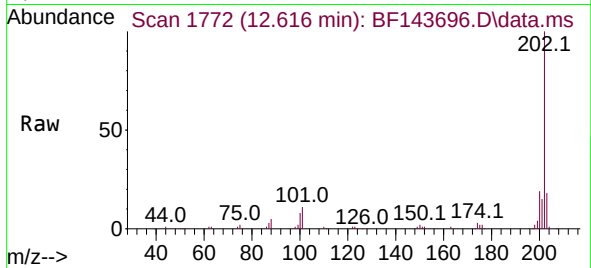
Tgt Ion:149 Resp: 86495
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.3 10.9
 104 4.0 3.3 4.9





#75
Fluoranthene
Concen: 8.868 ng
RT: 12.616 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

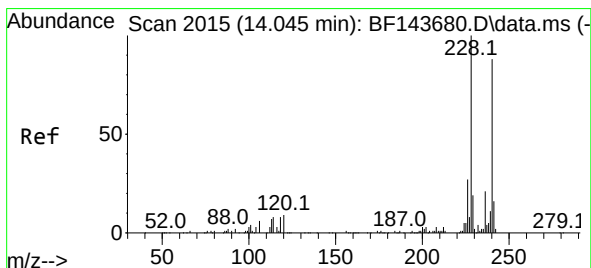
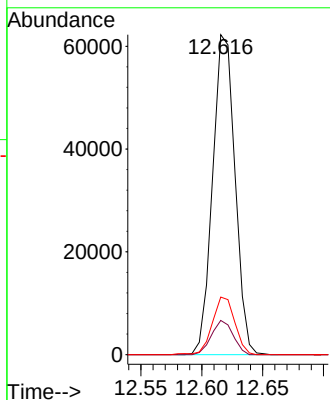
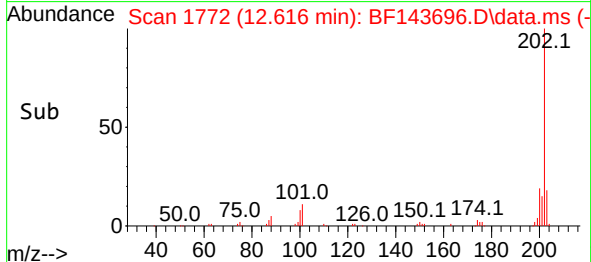
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



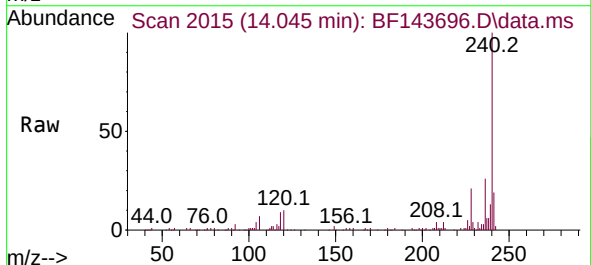
Tgt Ion:202 Resp: 79730
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.5
203 18.0 0.0 37.1

Manual Integrations
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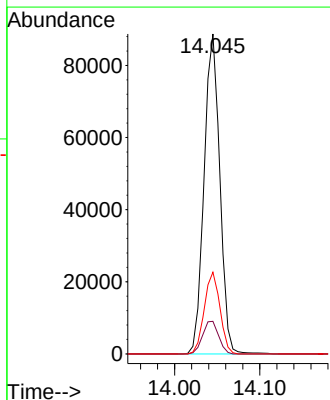
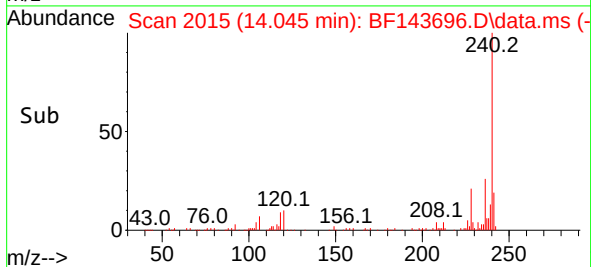
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025

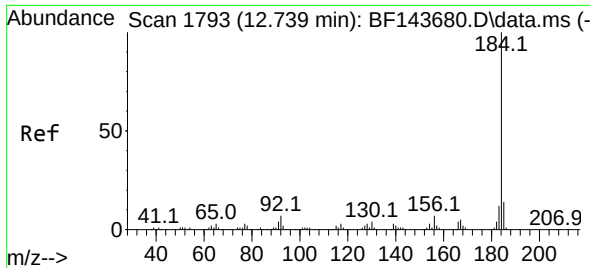


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18



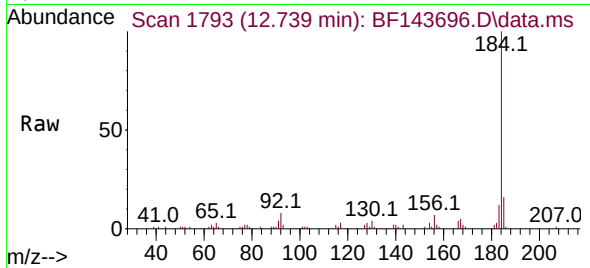
Tgt Ion:240 Resp: 113821
Ion Ratio Lower Upper
240 100
120 10.2 8.4 12.6
236 25.5 18.6 28.0





#77
Benzidine
Concen: 8.807 ng
RT: 12.739 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

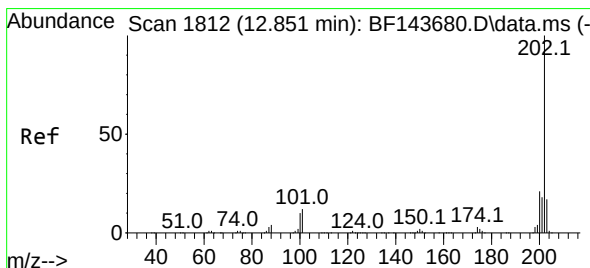
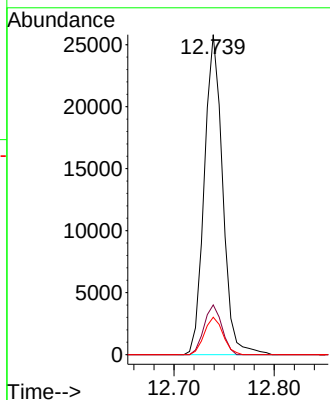
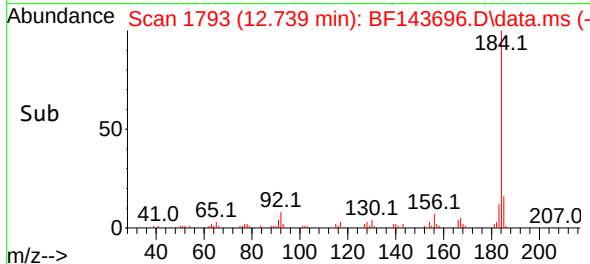
Instrument : BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



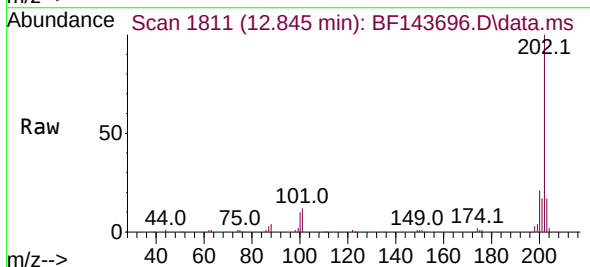
Tgt Ion:184 Resp: 32690
Ion Ratio Lower Upper
184 100
185 15.5 11.5 17.3
183 11.7 9.4 14.2

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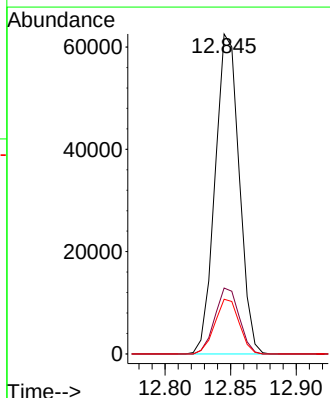
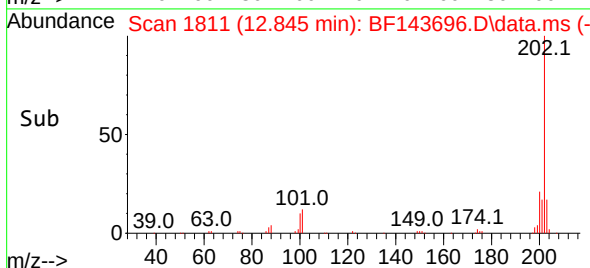
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025

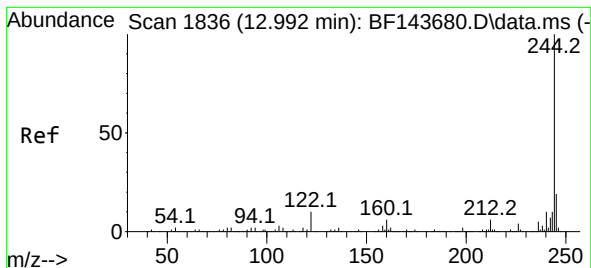


#78
Pyrene
Concen: 8.804 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18



Tgt Ion:202 Resp: 80118
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.1 13.5 20.3





#79

Terphenyl-d14

Concen: 104.310 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.006 min

Lab File: BF143696.D

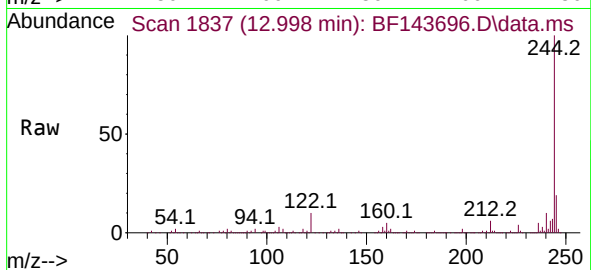
Acq: 10 Sep 2025 11:18

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2025



Tgt Ion:244 Resp: 73264

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.6

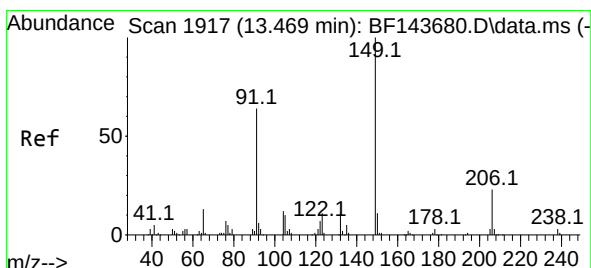
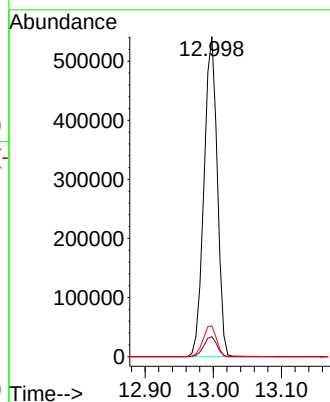
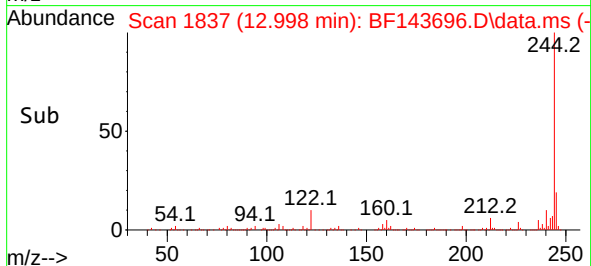
122 9.6 7.9 11.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#80

Butylbenzylphthalate

Concen: 7.780 ng

RT: 13.468 min Scan# 1917

Delta R.T. -0.000 min

Lab File: BF143696.D

Acq: 10 Sep 2025 11:18

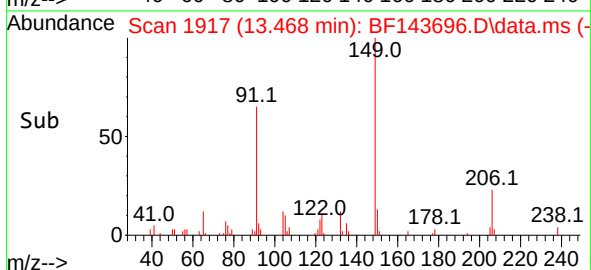
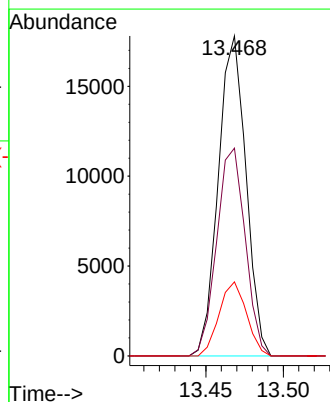
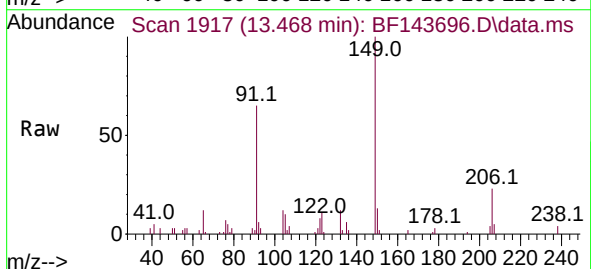
Tgt Ion:149 Resp: 22183

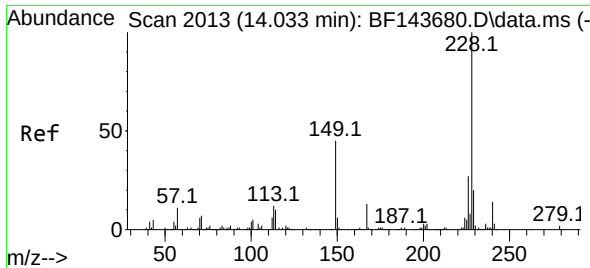
Ion Ratio Lower Upper

149 100

91 64.9 50.9 76.3

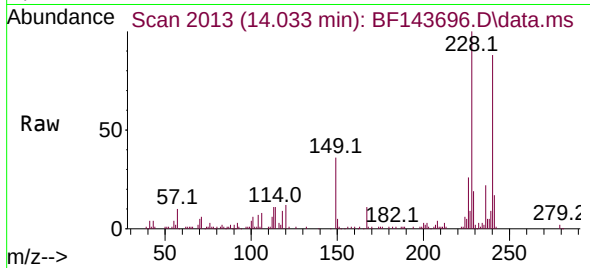
206 23.1 18.2 27.2





#81
Benzo(a)anthracene
Concen: 8.337 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

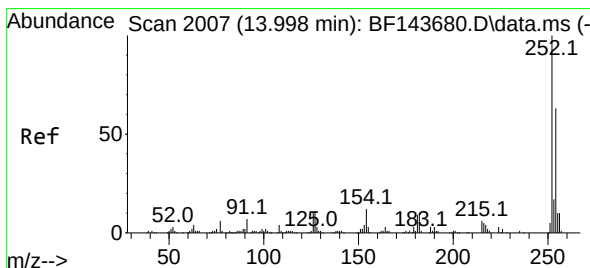
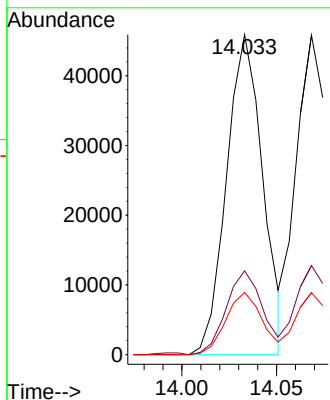
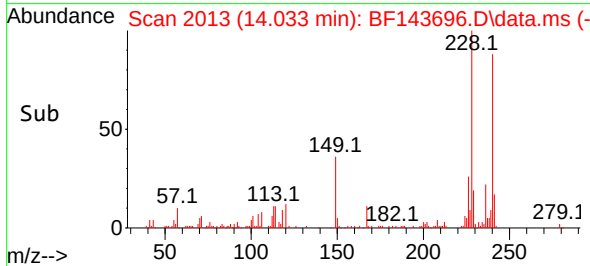
Instrument : BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



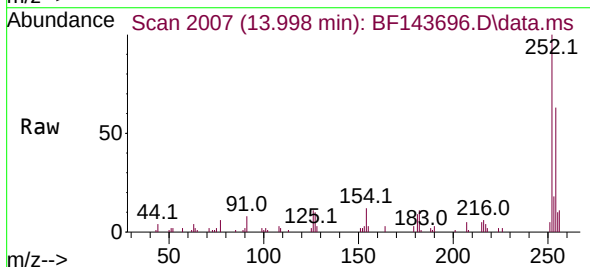
Tgt Ion:228 Resp: 61049
Ion Ratio Lower Upper
228 100
226 26.2 21.6 32.4
229 19.4 15.7 23.5

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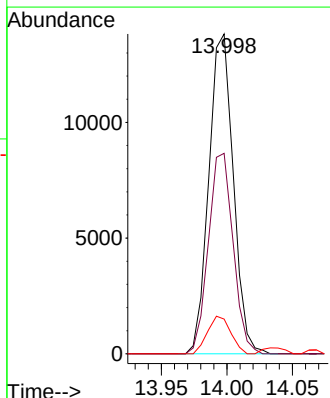
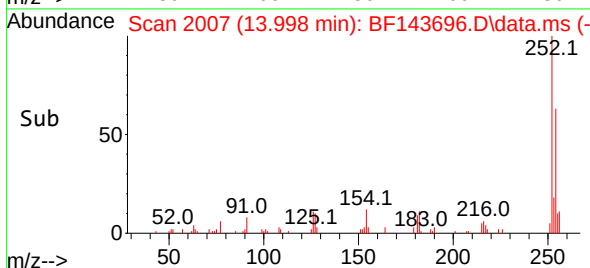
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025

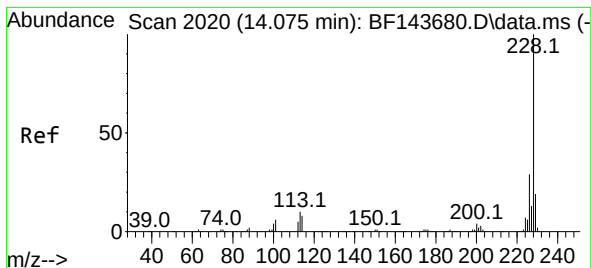


#82
3,3'-Dichlorobenzidine
Concen: 7.982 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18



Tgt Ion:252 Resp: 17981
Ion Ratio Lower Upper
252 100
254 62.7 50.5 75.7
126 10.9 8.2 12.4





#83

Chrysene

Concen: 8.341 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF143696.D

Acq: 10 Sep 2025 11:18

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2025

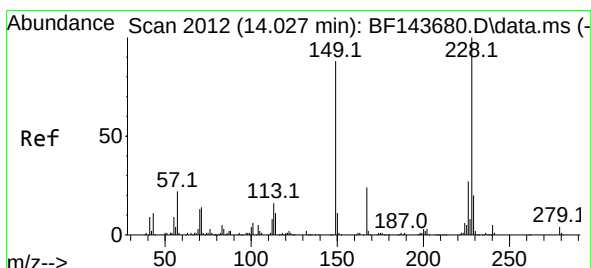
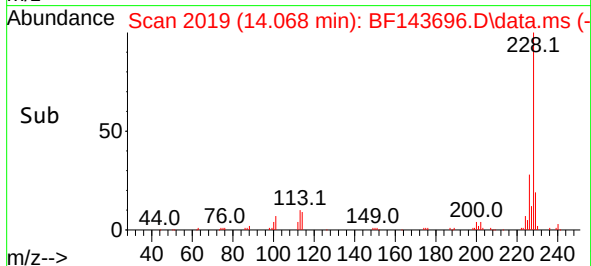
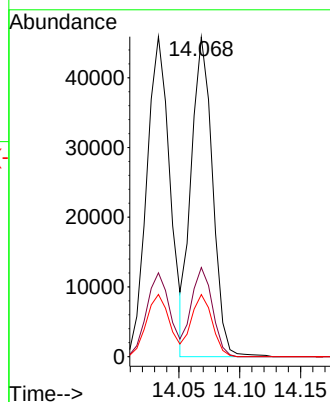
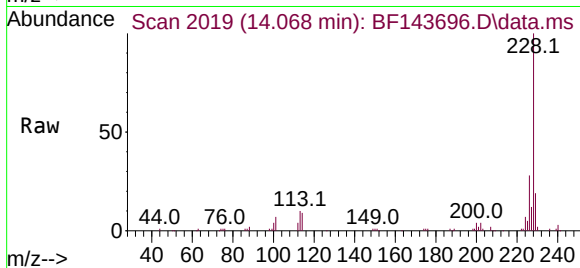
Tgt Ion:228	Resp: 5594
Ion Ratio	Lower Upper
228 100	
226 27.9	22.7 34.1
229 19.4	15.1 22.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.402 ng

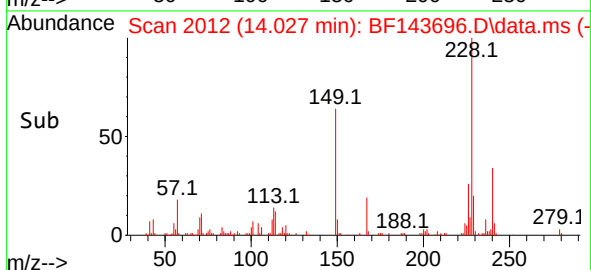
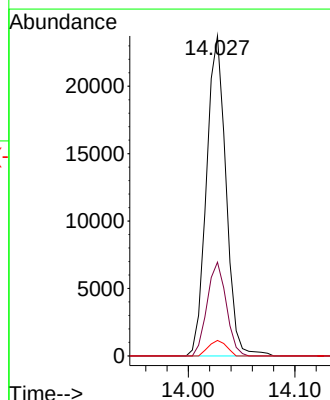
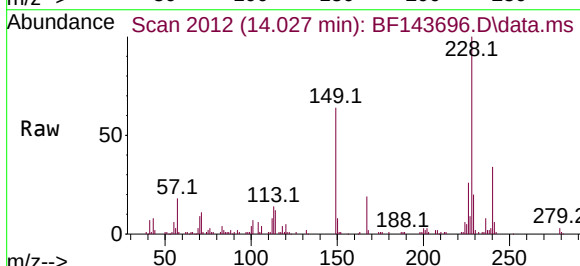
RT: 14.027 min Scan# 2012

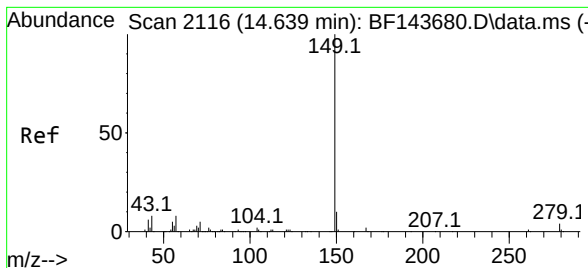
Delta R.T. -0.000 min

Lab File: BF143696.D

Acq: 10 Sep 2025 11:18

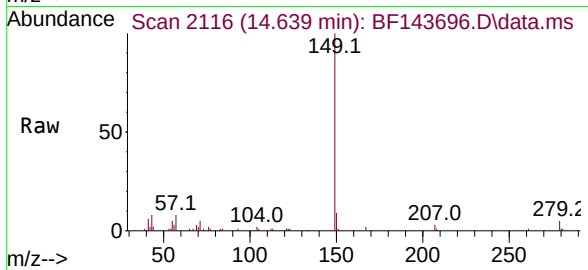
Tgt Ion:149	Resp: 30113
Ion Ratio	Lower Upper
149 100	
167 29.3	22.2 33.2
279 4.8	3.5 5.3





#85
Di-n-octyl phthalate
Concen: 6.266 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

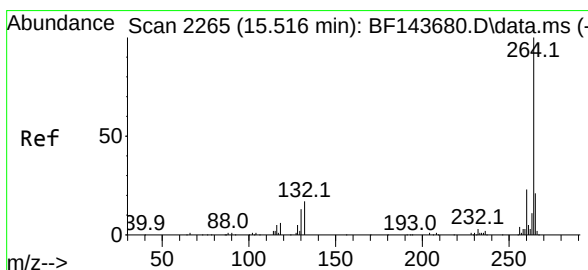
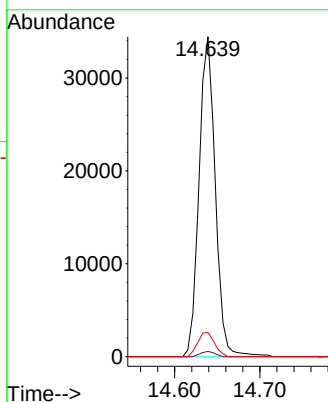
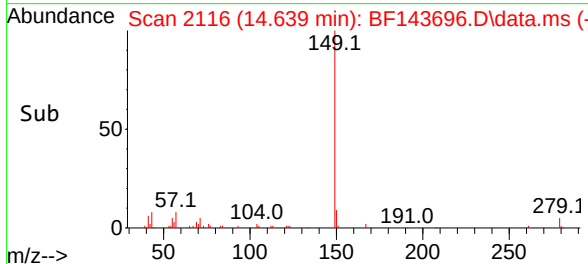
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



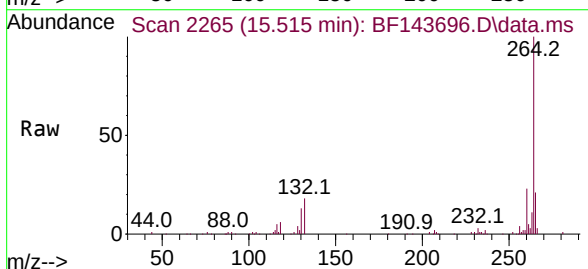
Tgt Ion:149 Resp: 45683
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 7.8 6.2 9.2

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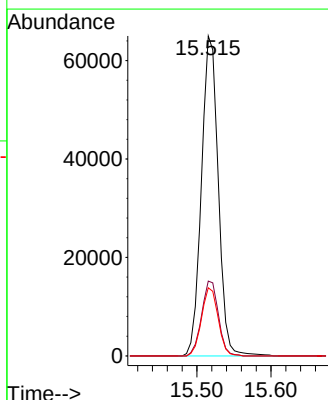
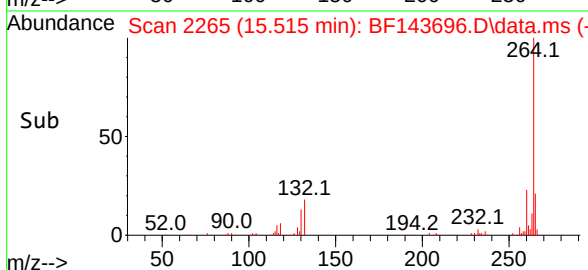
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025

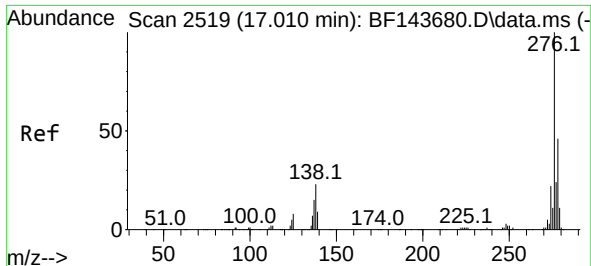


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18



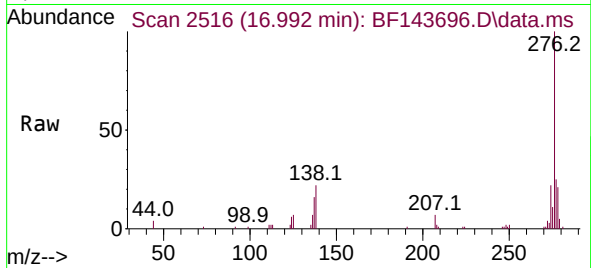
Tgt Ion:264 Resp: 102463
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.3 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 7.581 ng
RT: 16.992 min Scan# 2516
Delta R.T. -0.018 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

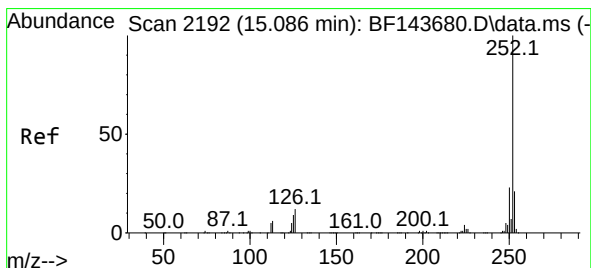
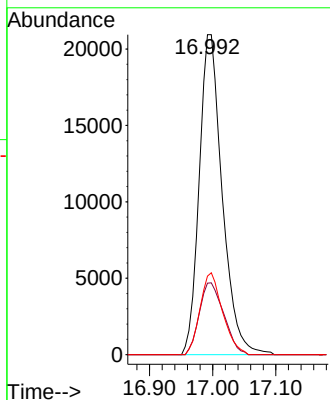
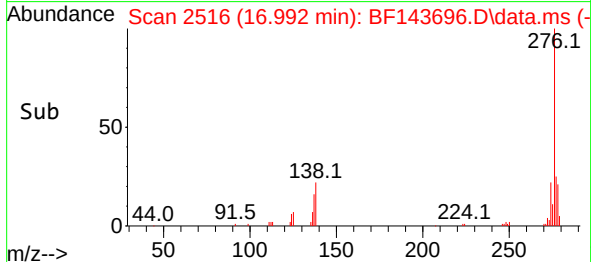
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



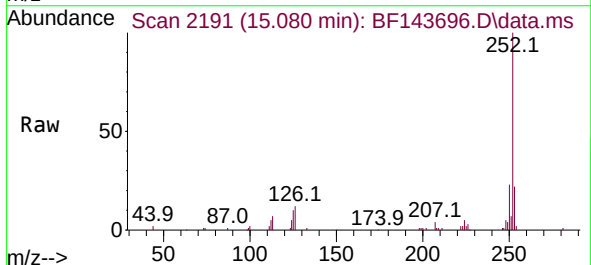
Tgt Ion:276 Resp: 53016
Ion Ratio Lower Upper
276 100
138 23.8 19.7 29.5
277 25.0 20.2 30.2

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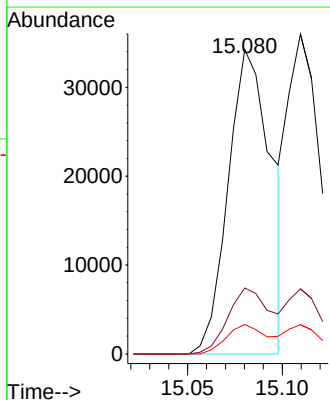
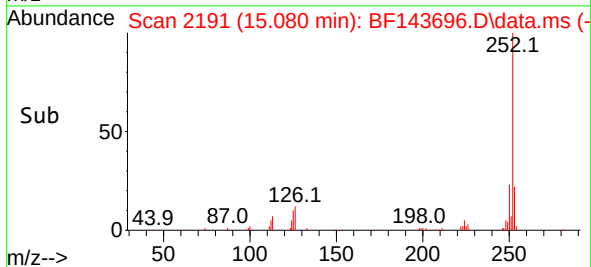
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025

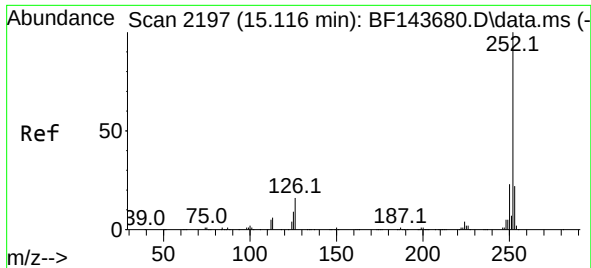


#88
Benzo(b)fluoranthene
Concen: 8.844 ng
RT: 15.080 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18



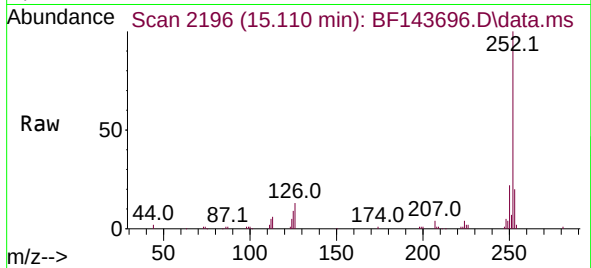
Tgt Ion:252 Resp: 53943
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 9.6 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 8.212 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

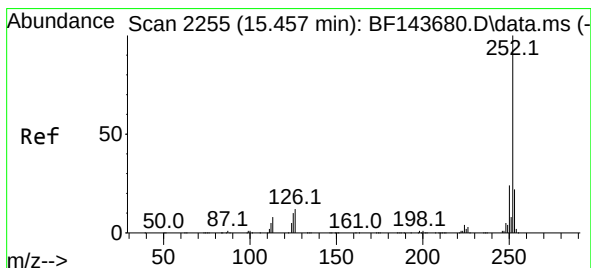
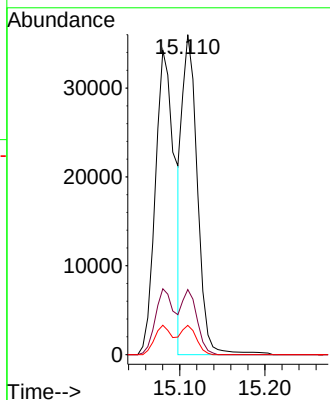
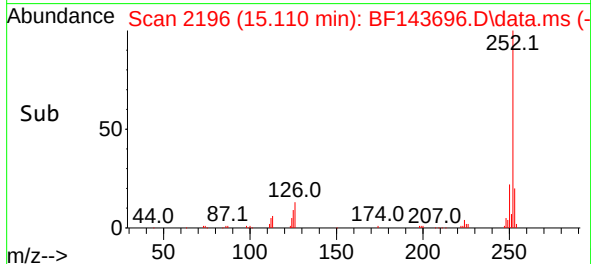
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2025



Tgt Ion:252 Resp: 45205
Ion Ratio Lower Upper
252 100
253 20.3 17.3 25.9
125 9.1 7.3 10.9

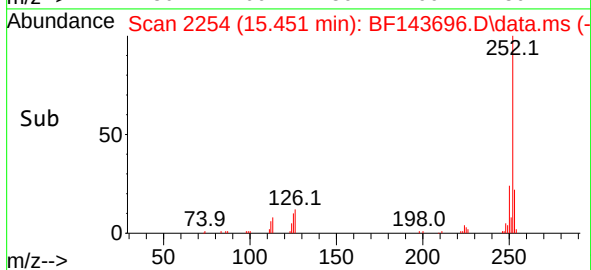
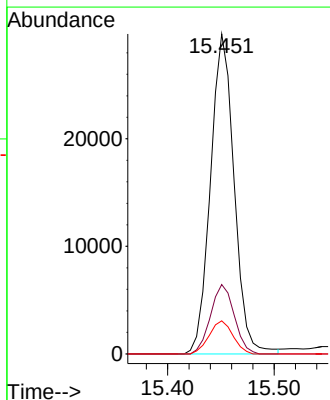
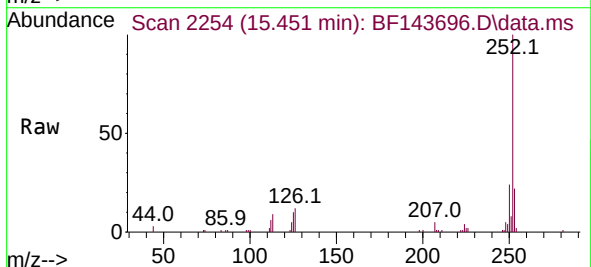
Manual Integrations
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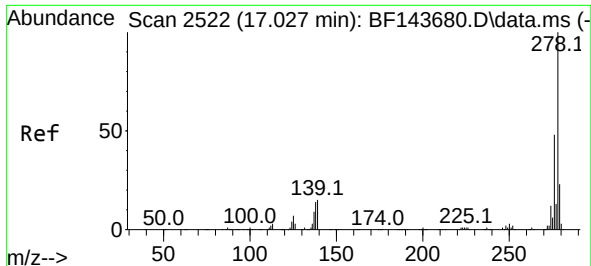
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#90
Benzo(a)pyrene
Concen: 8.586 ng
RT: 15.451 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

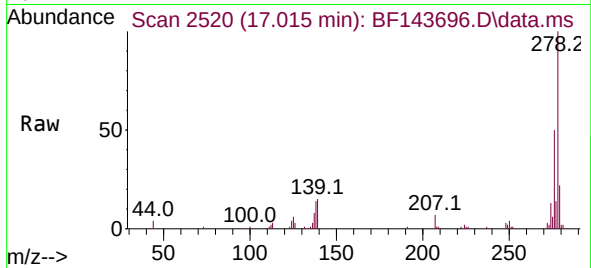
Tgt Ion:252 Resp: 46008
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.3 8.2 12.4





#91
Dibenzo(a,h)anthracene
Concen: 7.620 ng
RT: 17.015 min Scan# 2520
Delta R.T. -0.012 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

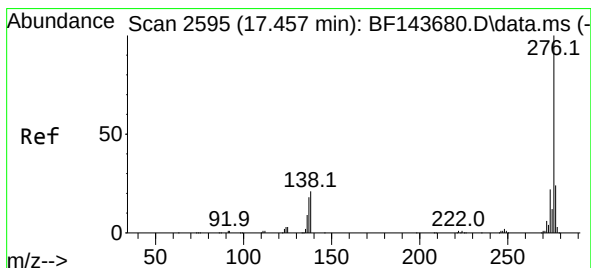
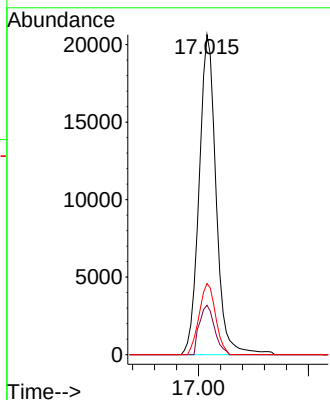
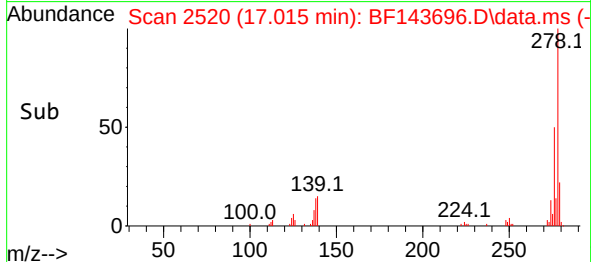
Instrument : BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2025



Tgt Ion:278 Resp: 44208
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 22.2 18.7 28.1

Manual Integrations
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Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#92
Benzo(g,h,i)perylene
Concen: 7.511 ng
RT: 17.445 min Scan# 2593
Delta R.T. -0.012 min
Lab File: BF143696.D
Acq: 10 Sep 2025 11:18

Tgt Ion:276 Resp: 40760
Ion Ratio Lower Upper
276 100
277 24.9 19.2 28.8
138 22.2 17.0 25.4

