

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143689.D
 Acq On : 09 Sep 2025 17:28
 Operator : RC/JU
 Sample : Q2893-07
 Misc : LOD-MDL-WATER 8 PPM
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Sep 09 17:50:30 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 09/10/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	47875	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	181995	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	105789	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	176516	20.000	ng	0.00
76) Chrysene-d12	14.045	240	116820	20.000	ng	0.00
86) Perylene-d12	15.515	264	107947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	364719	129.977	ng	0.00
7) Phenol-d6	6.510	99	461710	135.136	ng	0.00
23) Nitrobenzene-d5	7.451	82	289277	98.866	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	148187	138.997	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	654182	93.414	ng	0.00
79) Terphenyl-d14	12.998	244	712393	98.823	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	10483	8.375	ng	99
3) Pyridine	3.481	79	24597	7.607	ng	97
4) n-Nitrosodimethylamine	3.381	42	10227	8.327	ng	98
6) Aniline	6.551	93	37639	8.318	ng	98
8) 2-Chlorophenol	6.675	128	25214	8.320	ng	99
9) Benzaldehyde	6.440	77	20725	7.518	ng	97
10) Phenol	6.522	94	31573m	8.360	ng	
11) bis(2-Chloroethyl)ether	6.622	93	22866	8.107	ng	100
12) 1,3-Dichlorobenzene	6.828	146	29684	8.564	ng	100
13) 1,4-Dichlorobenzene	6.904	146	29741	8.501	ng	99
14) 1,2-Dichlorobenzene	7.057	146	29350	8.884	ng	99
15) Benzyl Alcohol	7.022	79	20232	8.141	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	29657	8.036	ng	97
17) 2-Methylphenol	7.122	107	20342	8.344	ng	98
18) Hexachloroethane	7.404	117	9230	8.167	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	17356	8.271	ng	98
20) 3+4-Methylphenols	7.281	107	25921	8.074	ng	92
22) Acetophenone	7.292	105	34926	8.497	ng	98
24) Nitrobenzene	7.469	77	25940	8.550	ng	98
25) Isophorone	7.698	82	47298	8.430	ng	99
26) 2-Nitrophenol	7.781	139	12077	8.096	ng	97
27) 2,4-Dimethylphenol	7.810	122	24602	9.187	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	28485	8.261	ng	98
29) 2,4-Dichlorophenol	8.016	162	22002	8.168	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	24134	8.648	ng	96
31) Naphthalene	8.192	128	75236	8.351	ng	98
32) Benzoic acid	7.857	122	8975	5.494	ng	97
33) 4-Chloroaniline	8.234	127	29316	9.347	ng	97
34) Hexachlorobutadiene	8.310	225	15136	8.315	ng	98
35) Caprolactam	8.563	113	5428	7.571	ng	92
36) 4-Chloro-3-methylphenol	8.704	107	21737	8.184	ng	96
37) 2-Methylnaphthalene	8.881	142	47398	7.685	ng	97
38) 1-Methylnaphthalene	8.981	142	48027	8.115	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	25619	8.459	ng	98
41) Hexachlorocyclopentadiene	9.033	237	15484	9.958	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	16709	8.262	ng	98

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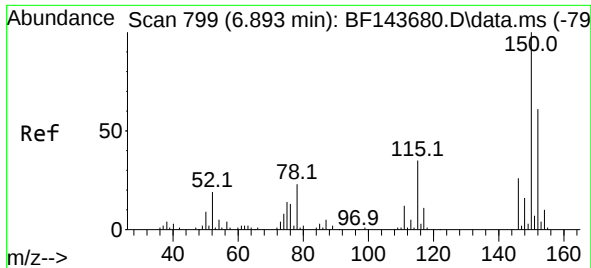
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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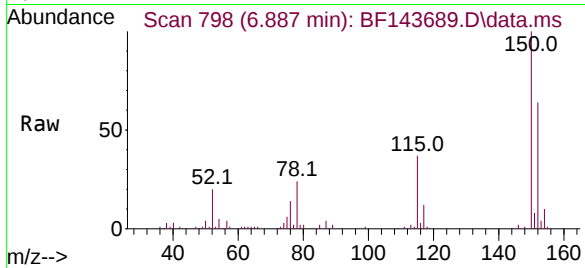
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	17112	8.323	ng	95
46) 1,1'-Biphenyl	9.345	154	65890	8.652	ng	98
47) 2-Chloronaphthalene	9.369	162	48945	8.198	ng	98
48) 2-Nitroaniline	9.457	65	12520	7.924	ng	98
49) Acenaphthylene	9.781	152	82123	9.602	ng	98
50) Dimethylphthalate	9.639	163	59031	8.576	ng	100
51) 2,6-Dinitrotoluene	9.698	165	11935	9.069	ng	98
52) Acenaphthene	9.957	154	48251	8.187	ng	97
53) 3-Nitroaniline	9.863	138	12498	8.825	ng	# 97
54) 2,4-Dinitrophenol	9.969	184	3293	9.920	ng	# 1
55) Dibenzofuran	10.128	168	72688	8.577	ng	97
56) 4-Nitrophenol	10.010	139	8532	7.572	ng	95
57) 2,4-Dinitrotoluene	10.098	165	15049	8.402	ng	96
58) Fluorene	10.469	166	57055	8.601	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	14374	8.622	ng	98
60) Diethylphthalate	10.339	149	54520	8.437	ng	97
61) 4-Chlorophenyl-phenyle...	10.463	204	28613	8.505	ng	98
62) 4-Nitroaniline	10.469	138	11098	8.274	ng	98
63) Azobenzene	10.622	77	48980	8.574	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	5554	6.180	ng	97
66) n-Nitrosodiphenylamine	10.580	169	49839	8.619	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	17026	7.999	ng	89
68) Hexachlorobenzene	11.016	284	18889	8.404	ng	98
69) Atrazine	11.098	200	15870	8.753	ng	98
70) Pentachlorophenol	11.204	266	8818	6.490	ng	93
71) Phenanthrene	11.433	178	83588	8.595	ng	99
72) Anthracene	11.480	178	86455	8.841	ng	99
73) Carbazole	11.633	167	70966	8.861	ng	98
74) Di-n-butylphthalate	11.969	149	83323	8.641	ng	99
75) Fluoranthene	12.616	202	79263	8.878	ng	100
77) Benzidine	12.739	184	31400	8.243	ng	97
78) Pyrene	12.845	202	78381	8.392	ng	99
80) Butylbenzylphthalate	13.469	149	23346	7.978	ng	98
81) Benzo(a)anthracene	14.033	228	64442	8.575	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	18749	8.109	ng	97
83) Chrysene	14.068	228	55886	8.119	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	31246	7.483	ng	# 99
85) Di-n-octyl phthalate	14.639	149	46517	6.217	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	52521	7.129	ng	98
88) Benzo(b)fluoranthene	15.080	252	49790	7.748	ng	98
89) Benzo(k)fluoranthene	15.110	252	45877	7.911	ng	100
90) Benzo(a)pyrene	15.451	252	48376	8.569	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	43063	7.045	ng	99
92) Benzo(g,h,i)perylene	17.439	276	41707	7.295	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

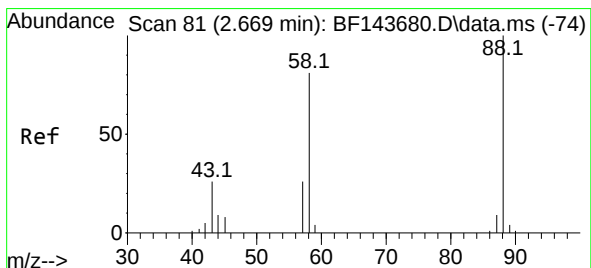
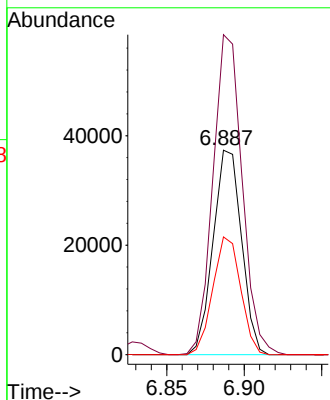
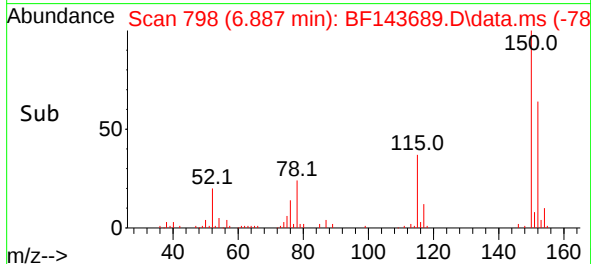
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



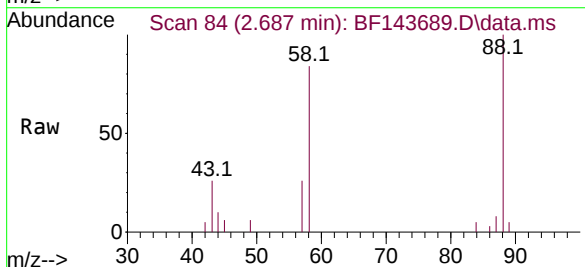
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Ion Ratio Lower Upper
152 100
150 156.5 130.7 196.1
115 57.6 45.9 68.9

Manual Integrations
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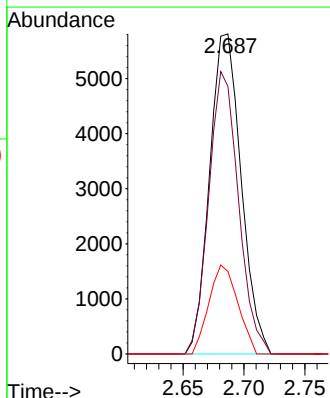
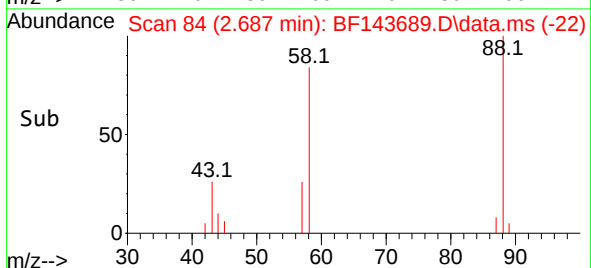
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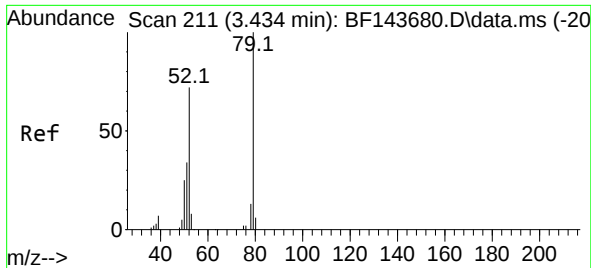


#2
1,4-Dioxane
Concen: 8.375 ng
RT: 2.687 min Scan# 84
Delta R.T. 0.017 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28



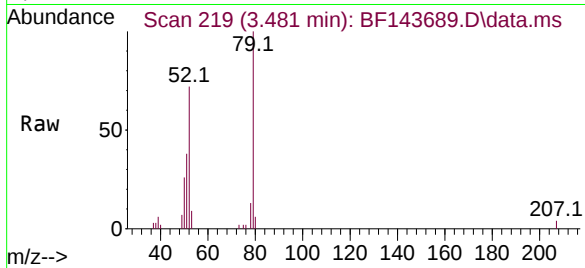
Tgt Ion: 88 Resp: 10483
Ion Ratio Lower Upper
88 100
58 83.3 65.8 98.6
43 25.4 20.6 31.0





#3
Pyridine
Concen: 7.607 ng
RT: 3.481 min Scan# 211
Delta R.T. 0.047 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

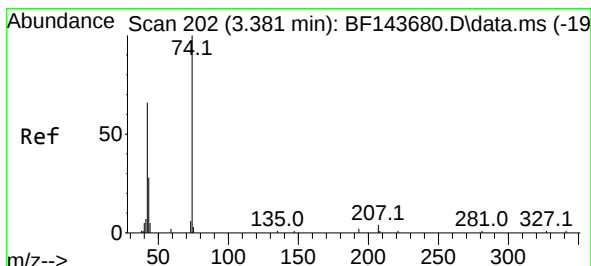
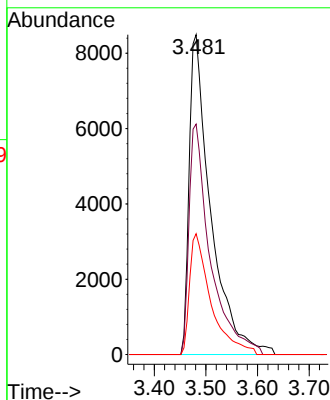
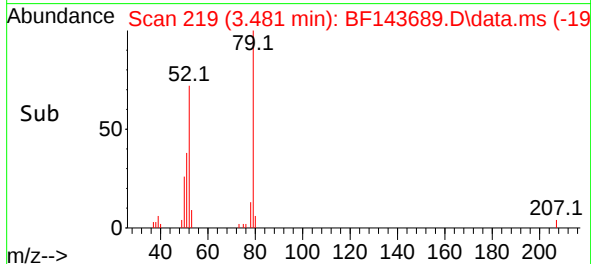
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



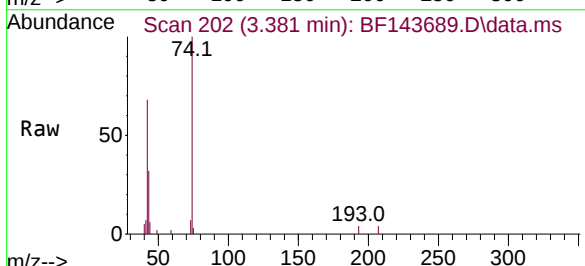
Tgt Ion: 79 Resp: 2459
Ion Ratio Lower Upper
79 100
52 72.0 57.2 85.8
51 37.8 27.0 40.6

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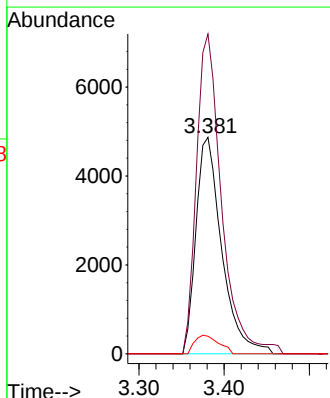
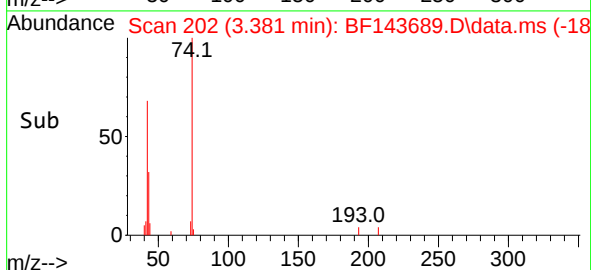
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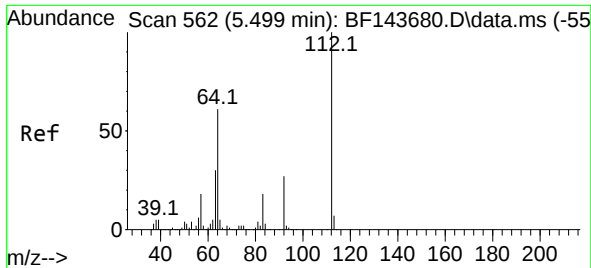


#4
n-Nitrosodimethylamine
Concen: 8.327 ng
RT: 3.381 min Scan# 202
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28



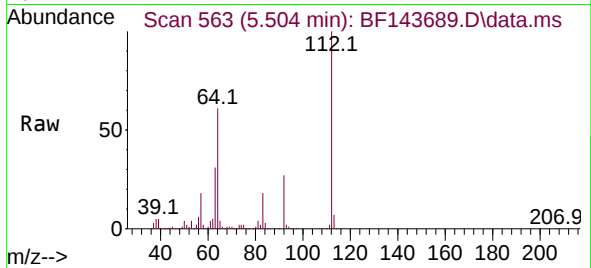
Tgt Ion: 42 Resp: 10227
Ion Ratio Lower Upper
42 100
74 147.8 120.9 181.3
44 8.2 6.5 9.7





#5
2-Fluorophenol
Concen: 129.977 ng
RT: 5.504 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

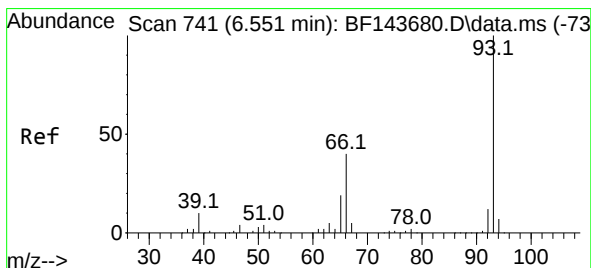
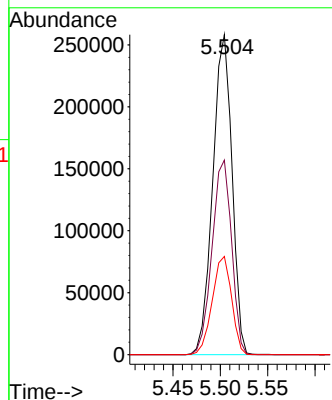
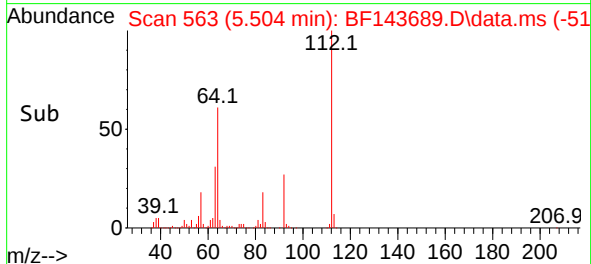
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 112 Resp: 364719
Ion Ratio Lower Upper
112 100
64 60.8 49.0 73.4
63 30.7 24.3 36.5

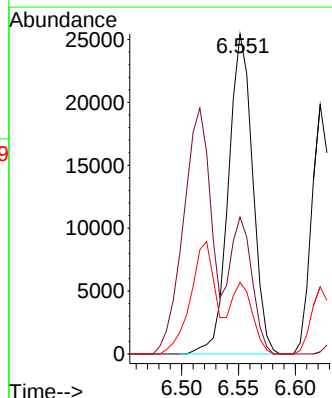
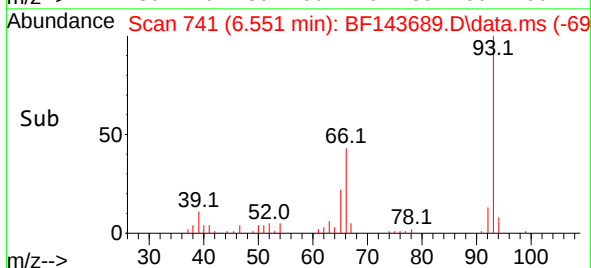
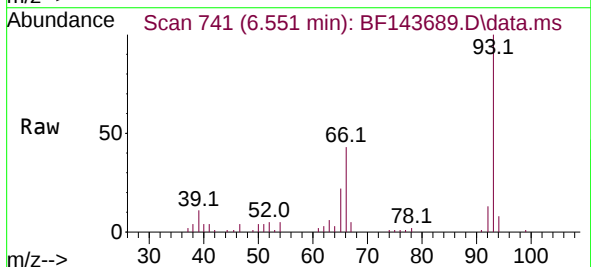
Manual Integrations
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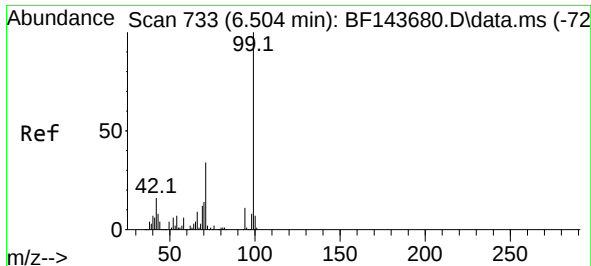
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#6
Aniline
Concen: 8.318 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

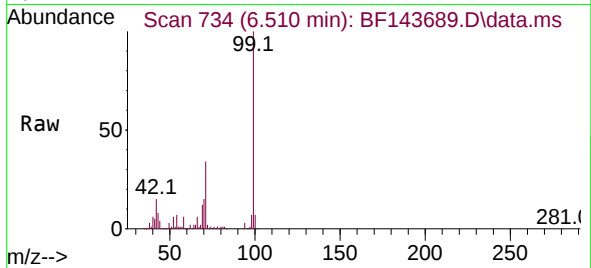
Tgt Ion: 93 Resp: 37639
Ion Ratio Lower Upper
93 100
66 42.7 34.1 51.1
65 22.3 16.1 24.1





#7
Phenol-d6
Concen: 135.136 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

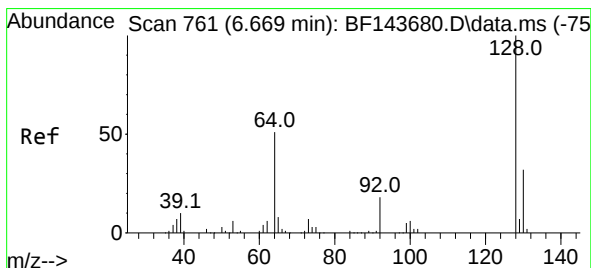
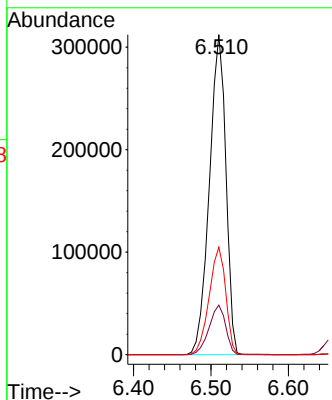
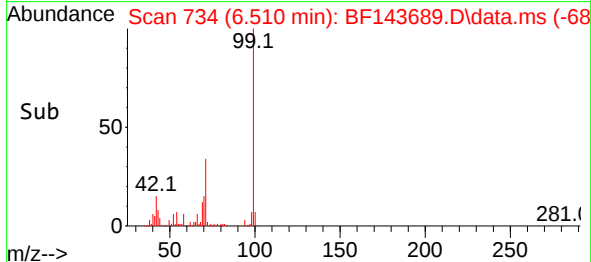
Instrument :
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Tgt Ion: 99 Resp: 461710
Ion Ratio Lower Upper
99 100
42 15.5 13.0 19.4
71 33.6 27.4 41.2

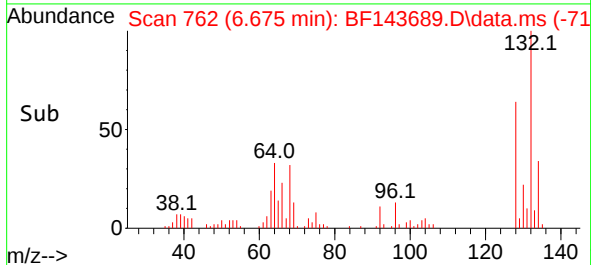
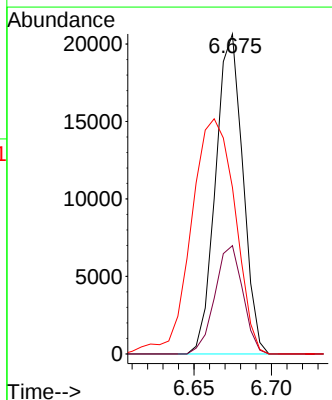
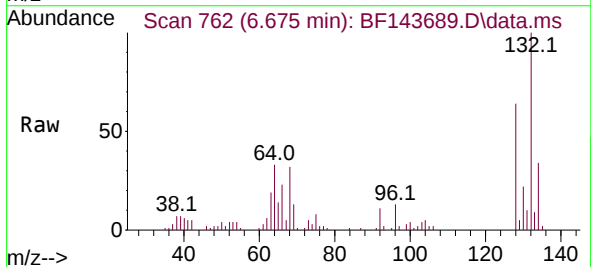
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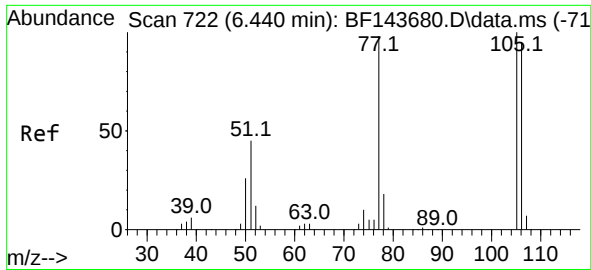
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#8
2-Chlorophenol
Concen: 8.320 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

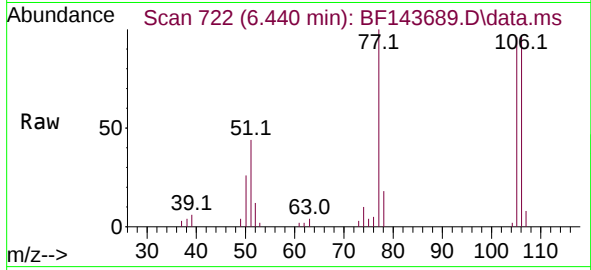
Tgt Ion:128 Resp: 25214
Ion Ratio Lower Upper
128 100
130 33.8 12.0 52.0
64 52.0 31.9 71.9





#9
Benzaldehyde
Concen: 7.518 ng
RT: 6.440 min Scan# 722
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

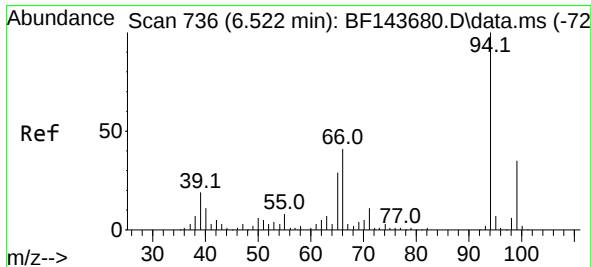
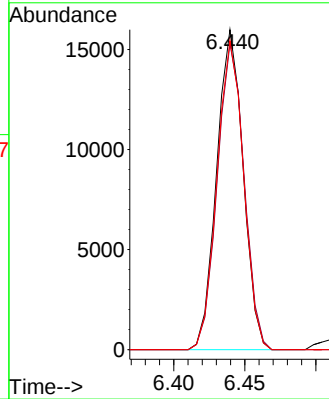
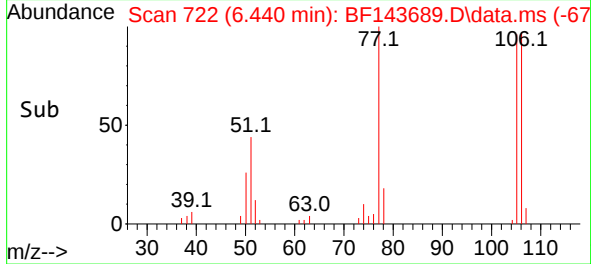
Instrument : BNA_F
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LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 77 Resp: 20725
Ion Ratio Lower Upper
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106 96.5 76.9 116.9

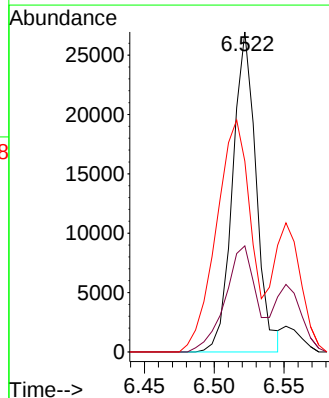
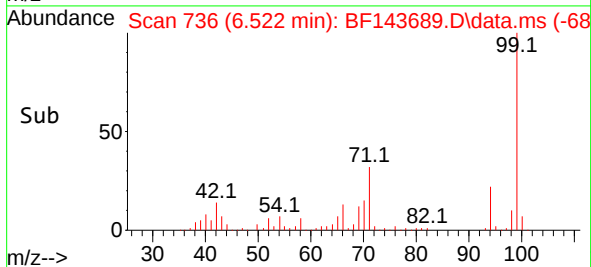
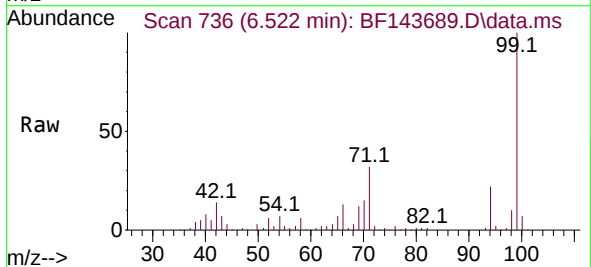
Manual Integrations
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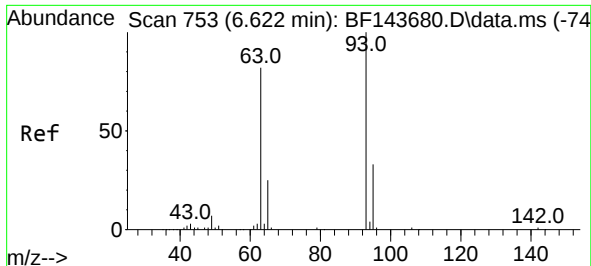
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#10
Phenol
Concen: 8.360 ng m
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

Tgt Ion: 94 Resp: 31573
Ion Ratio Lower Upper
94 100
65 33.1 9.1 49.1
66 59.6 20.8 60.8





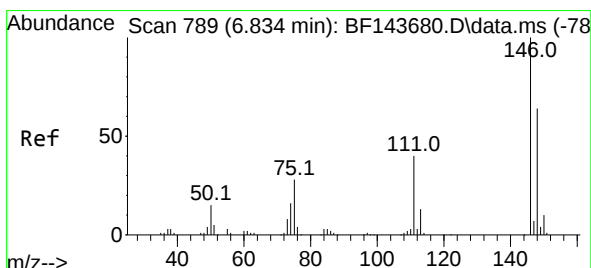
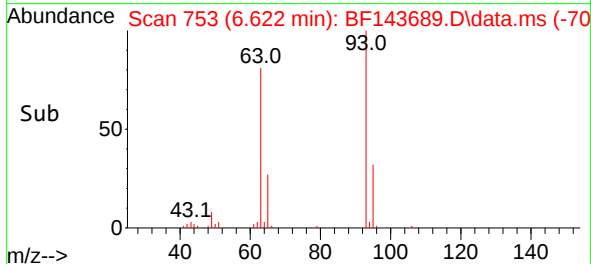
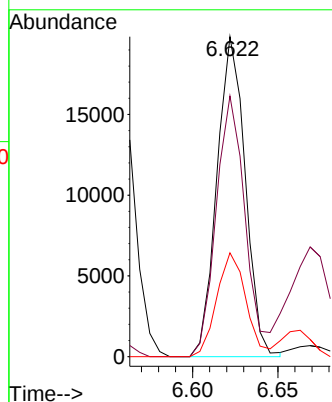
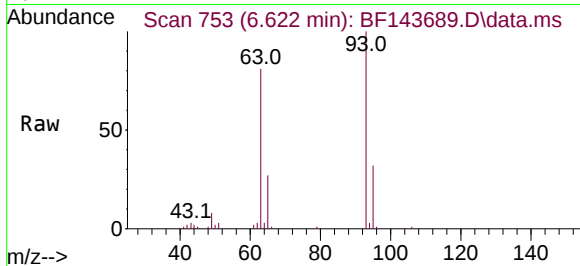
#11
bis(2-Chloroethyl)ether
Concen: 8.107 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

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

Tgt Ion: 93 Resp: 22866
Ion Ratio Lower Upper
93 100
63 81.4 61.8 101.8
95 32.4 12.6 52.6

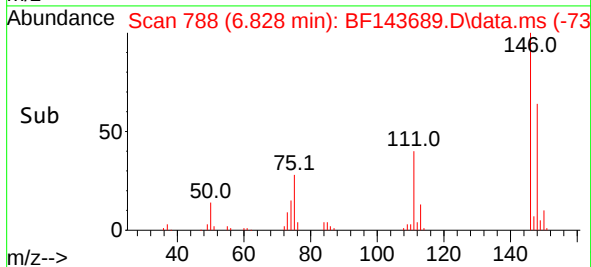
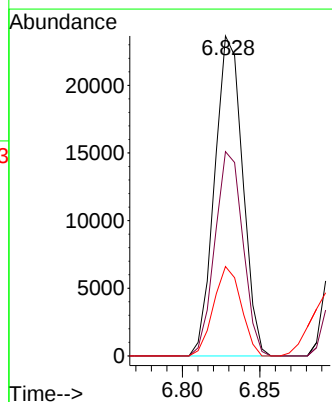
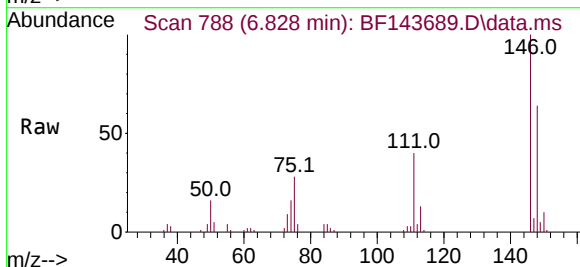
Manual Integrations
APPROVED

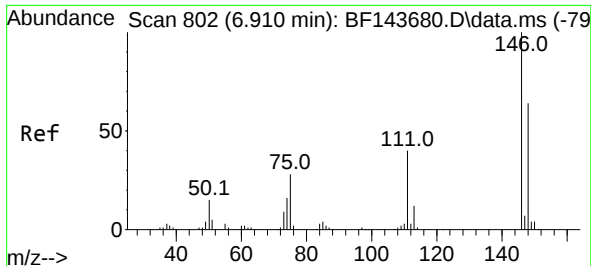
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#12
1,3-Dichlorobenzene
Concen: 8.564 ng
RT: 6.828 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

Tgt Ion:146 Resp: 29684
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 27.9 22.0 33.0





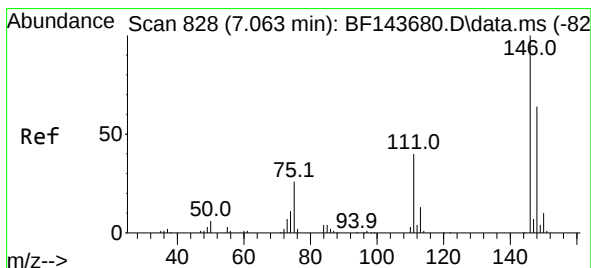
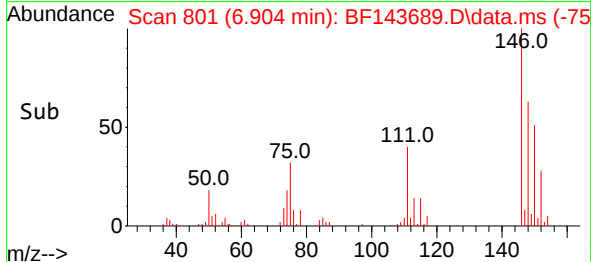
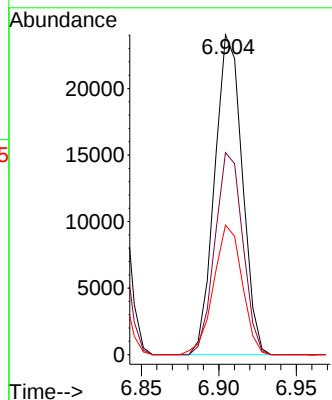
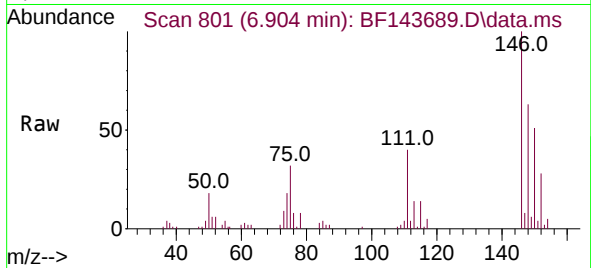
#13
1,4-Dichlorobenzene
Concen: 8.501 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

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

Tgt Ion:146 Resp: 2974
Ion Ratio Lower Upper
146 100
148 63.1 51.2 76.8
111 40.5 31.8 47.8

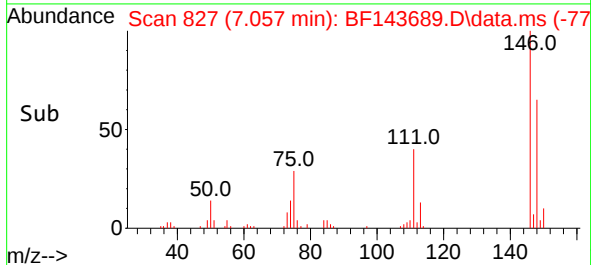
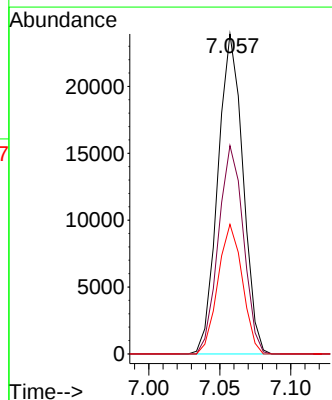
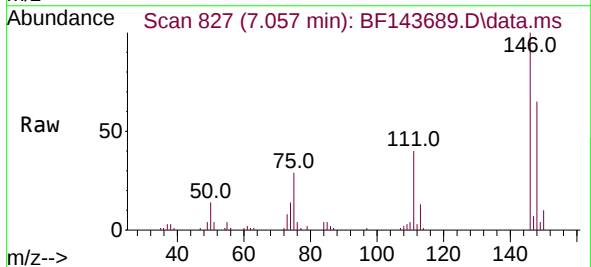
Manual Integrations
APPROVED

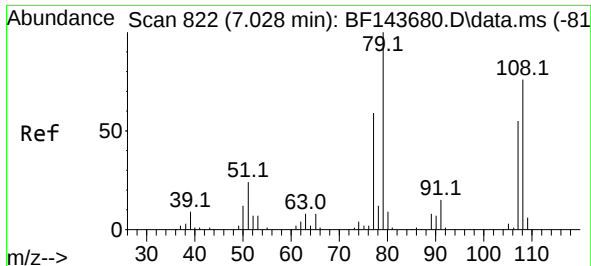
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#14
1,2-Dichlorobenzene
Concen: 8.884 ng
RT: 7.057 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

Tgt Ion:146 Resp: 29350
Ion Ratio Lower Upper
146 100
148 65.1 51.0 76.4
111 40.5 32.3 48.5





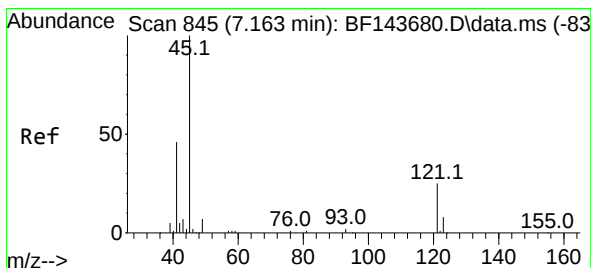
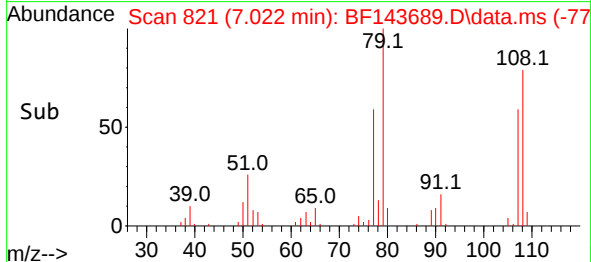
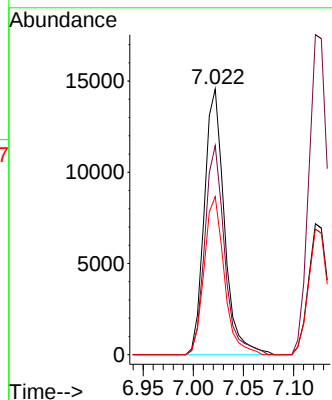
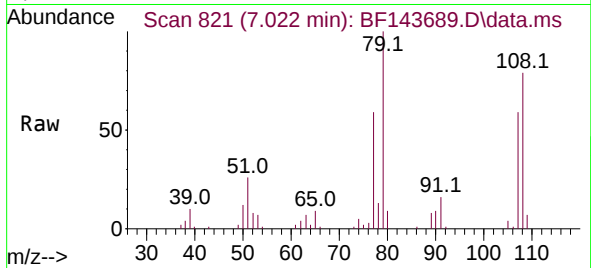
#15
Benzyl Alcohol
Concen: 8.141 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

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

Tgt Ion: 79 Resp: 20232
Ion Ratio Lower Upper
79 100
108 78.7 60.9 91.3
77 59.5 47.4 71.2

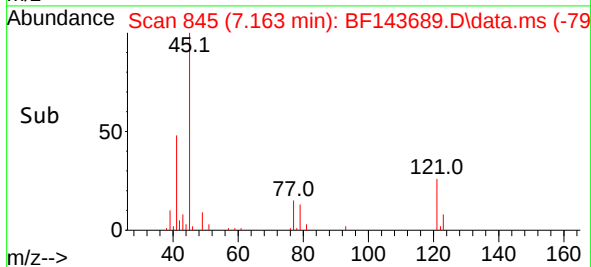
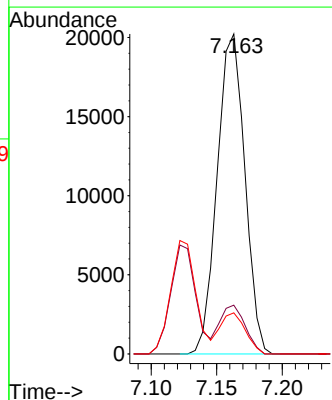
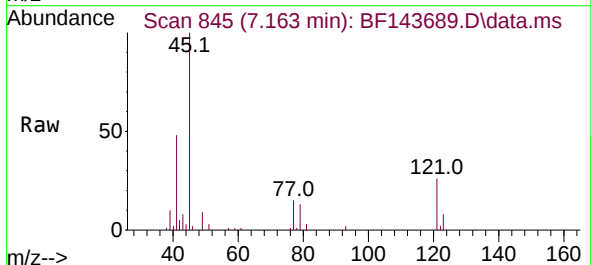
Manual Integrations
APPROVED

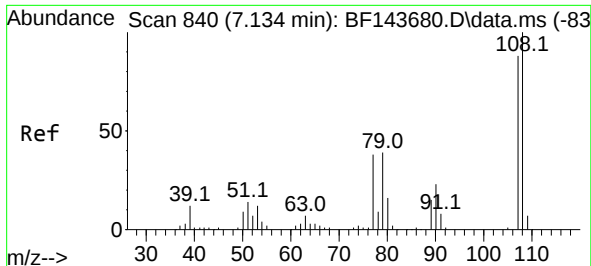
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.036 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

Tgt Ion: 45 Resp: 29657
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.6
79 12.8 0.0 31.3





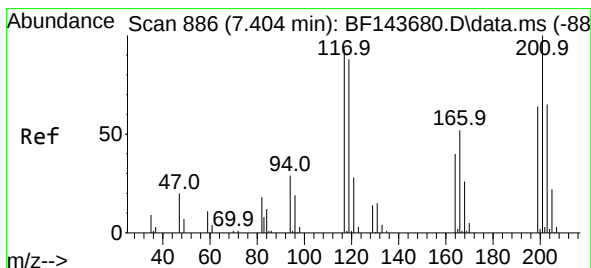
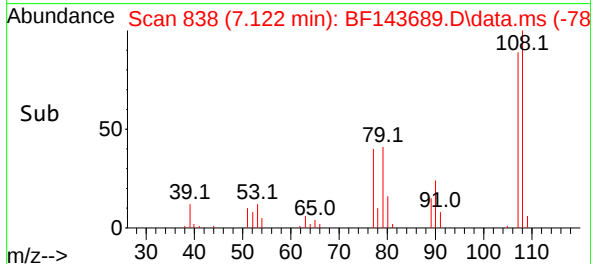
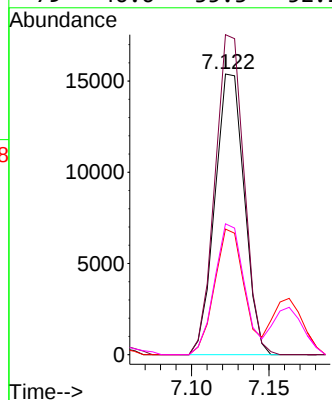
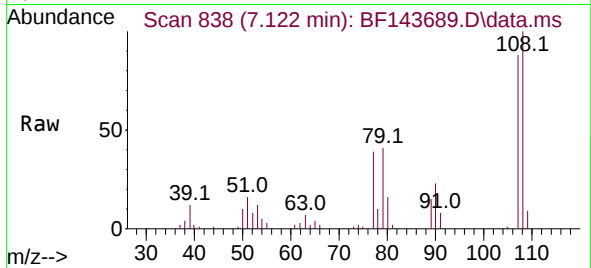
#17
2-Methylphenol
Concen: 8.344 ng
RT: 7.122 min Scan# 838
Delta R.T. -0.012 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

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

Tgt Ion:	107	Resp:	2034
Ion Ratio	Lower	Upper	
107	100		
108	114.1	90.9	136.3
77	44.8	34.4	51.6
79	46.6	35.3	52.9

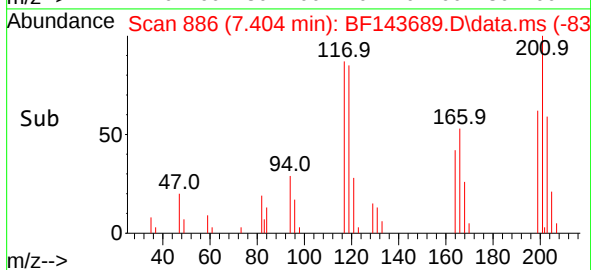
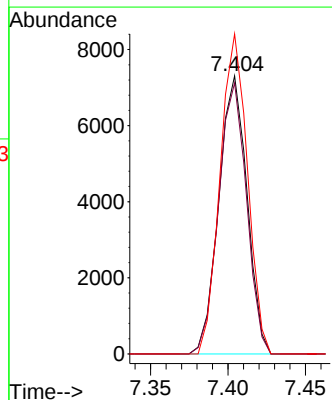
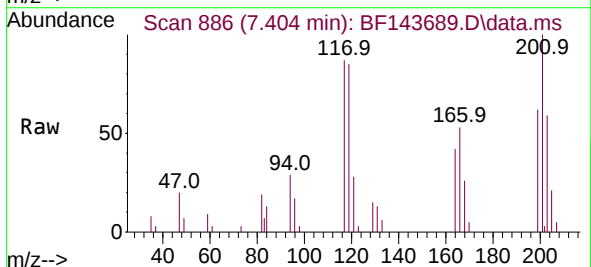
Manual Integrations
APPROVED

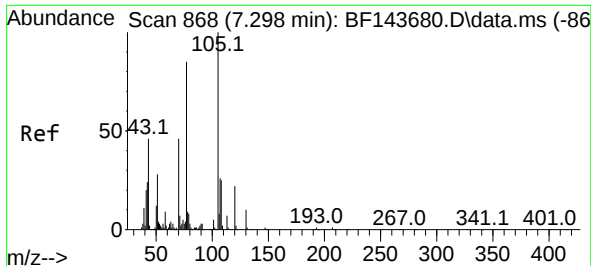
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#18
Hexachloroethane
Concen: 8.167 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

Tgt Ion:	117	Resp:	9230
Ion Ratio	Lower	Upper	
117	100		
119	97.5	76.2	114.2
201	115.1	86.4	129.6





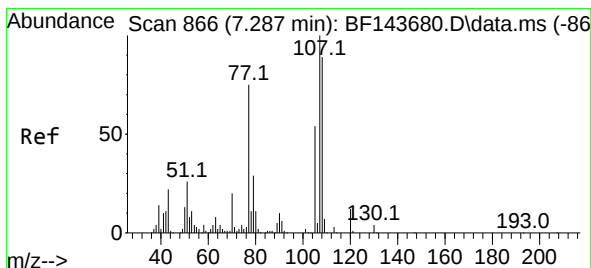
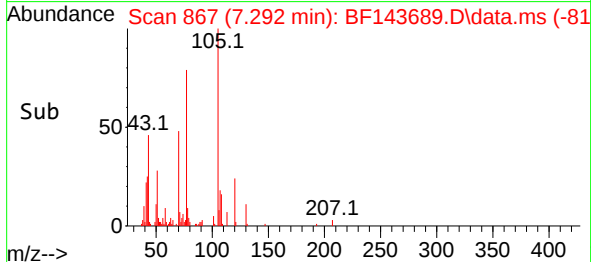
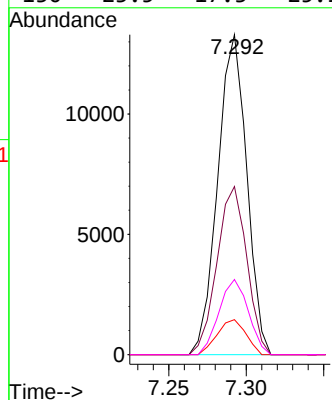
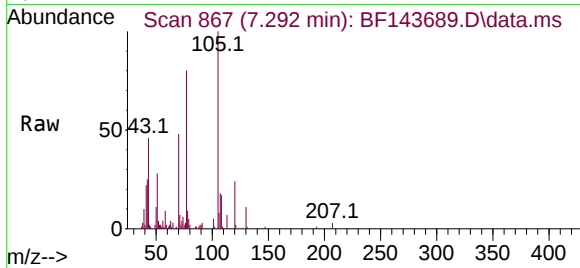
#19
n-Nitroso-di-n-propylamine
Concen: 8.271 ng
RT: 7.292 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

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

Tgt Ion: 70 Resp: 17356
Ion Ratio Lower Upper
70 100
42 52.5 41.4 62.2
101 10.9 8.1 12.1
130 23.5 17.3 25.9

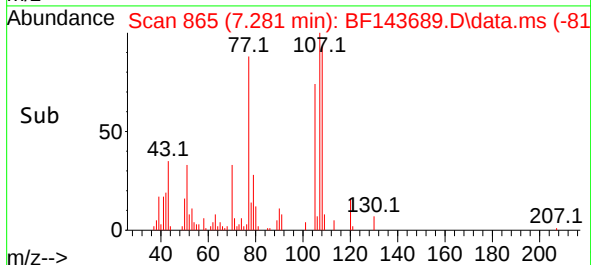
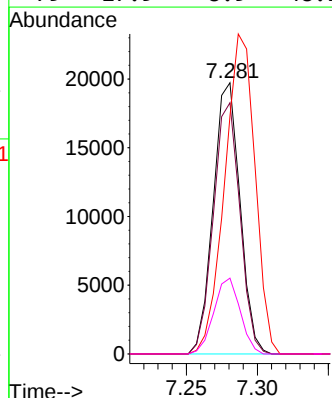
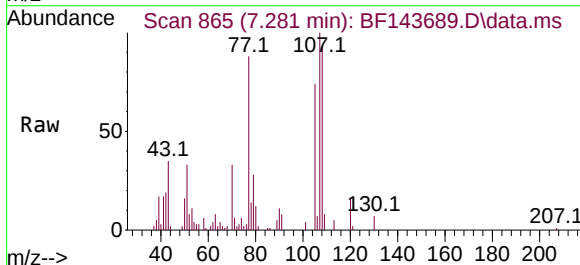
Manual Integrations
APPROVED

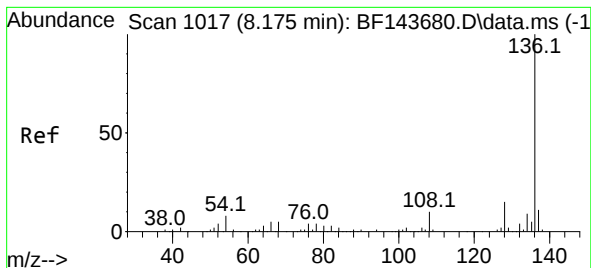
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#20
3+4-Methylphenols
Concen: 8.074 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

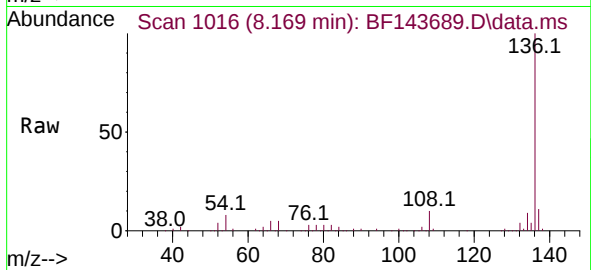
Tgt Ion:107 Resp: 25921
Ion Ratio Lower Upper
107 100
108 92.6 68.6 108.6
77 87.7 54.6 94.6
79 27.9 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

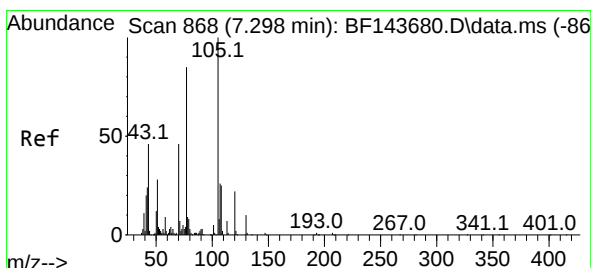
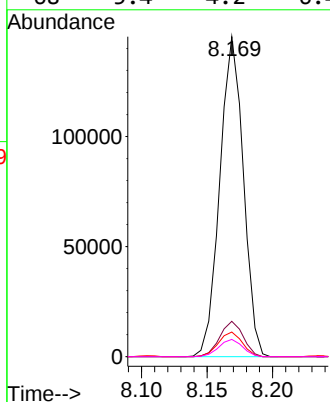
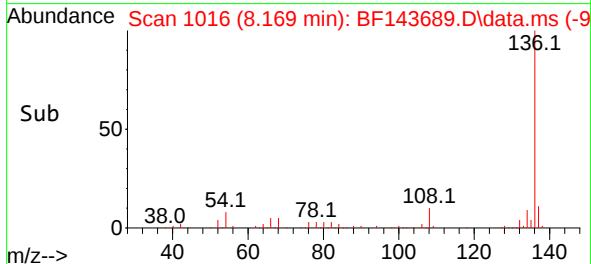
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:136 Resp: 181995
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.7 6.2 9.2
68 5.4 4.2 6.4

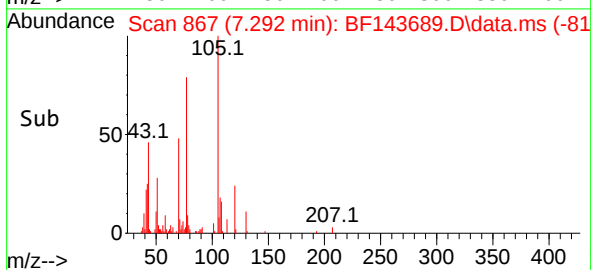
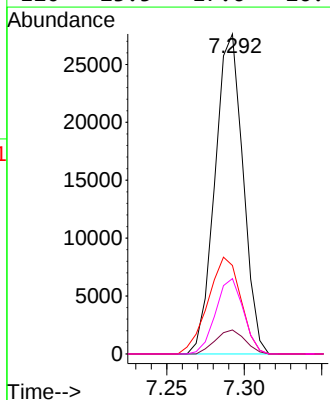
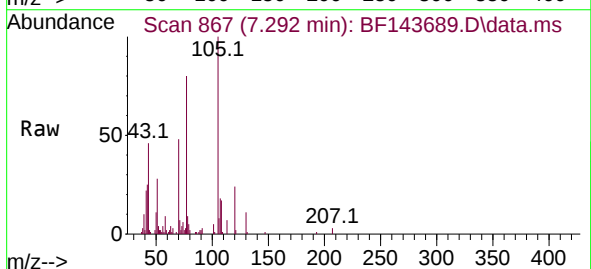
Manual Integrations
APPROVED

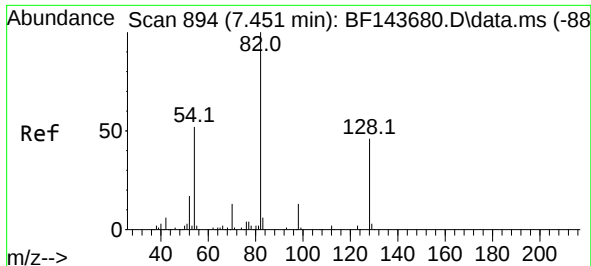
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#22
Acetophenone
Concen: 8.497 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

Tgt Ion:105 Resp: 34926
Ion Ratio Lower Upper
105 100
71 7.5 5.9 8.9
51 27.6 22.4 33.6
120 23.5 17.6 26.4





#23

Nitrobenzene-d5

Concen: 98.866 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143689.D

Acq: 09 Sep 2025 17:28

Instrument :

BNA_F

ClientSampleId :

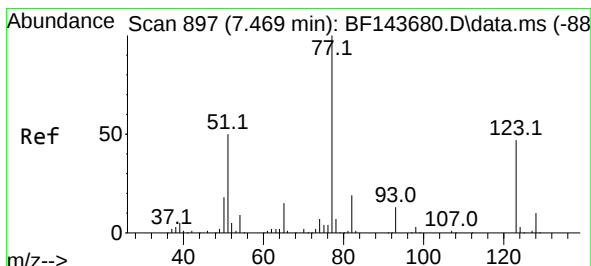
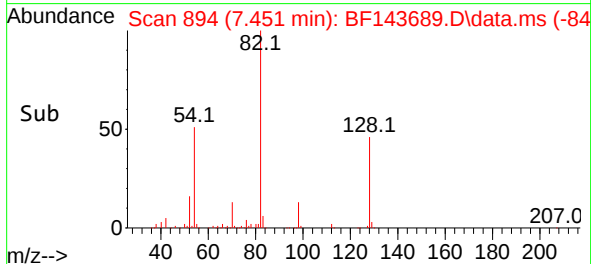
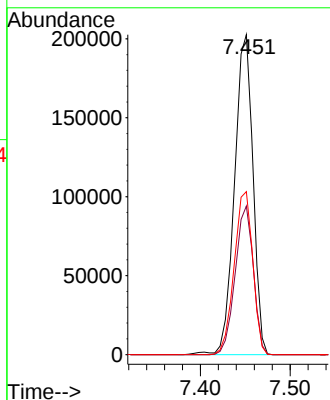
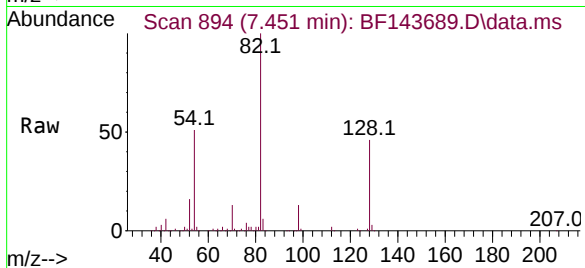
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 82 Resp: 28927
 Ion Ratio Lower Upper
 82 100
 128 46.4 37.0 55.4
 54 50.9 41.8 62.8

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 8.550 ng

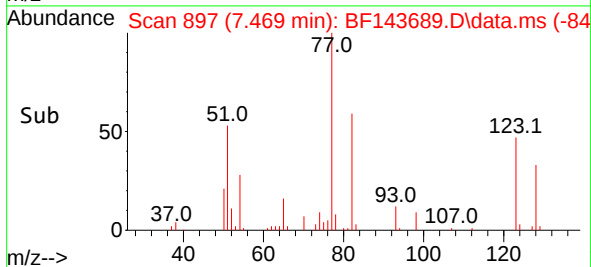
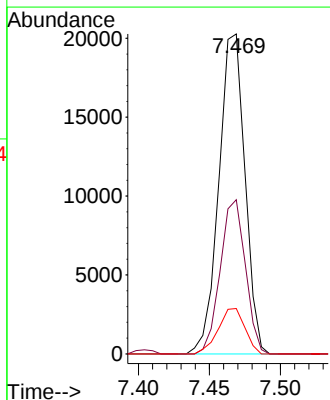
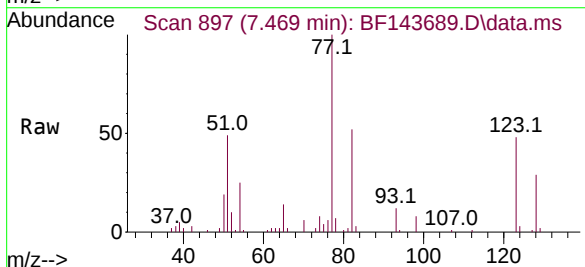
RT: 7.469 min Scan# 897

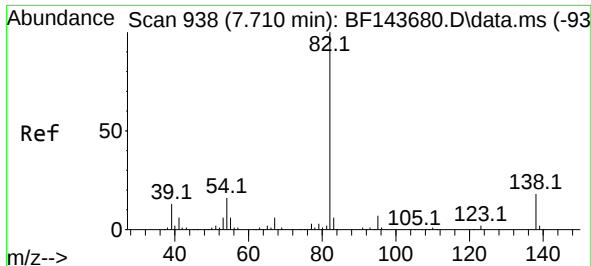
Delta R.T. -0.000 min

Lab File: BF143689.D

Acq: 09 Sep 2025 17:28

Tgt Ion: 77 Resp: 25940
 Ion Ratio Lower Upper
 77 100
 123 48.2 37.4 56.0
 65 14.2 11.6 17.4





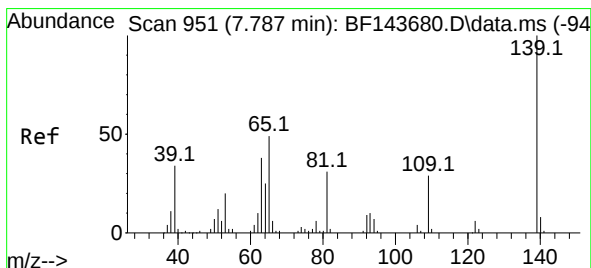
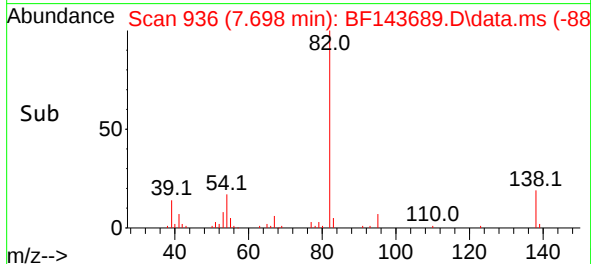
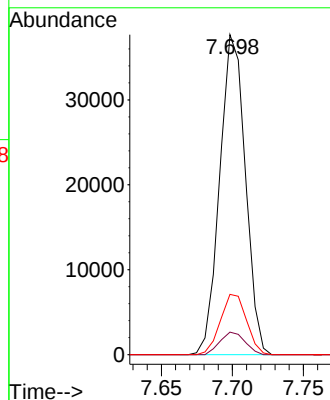
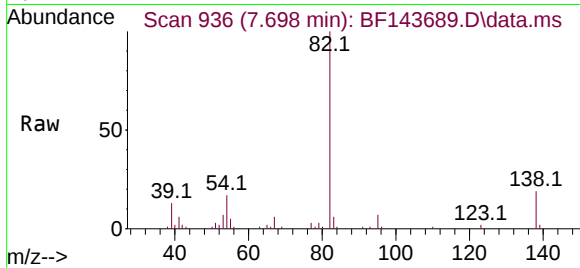
#25
Isophorone
Concen: 8.430 ng
RT: 7.698 min Scan# 938
Delta R.T. -0.012 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

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

Tgt Ion: 82 Resp: 47298
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 18.8 14.8 22.2

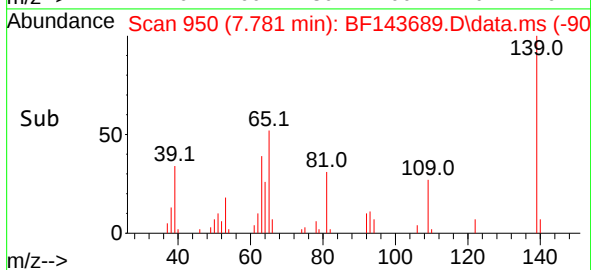
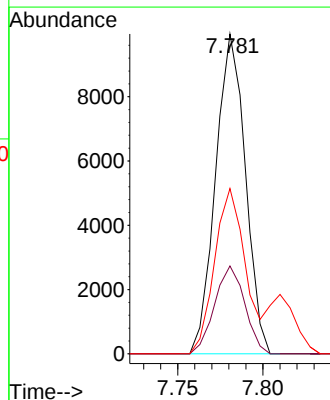
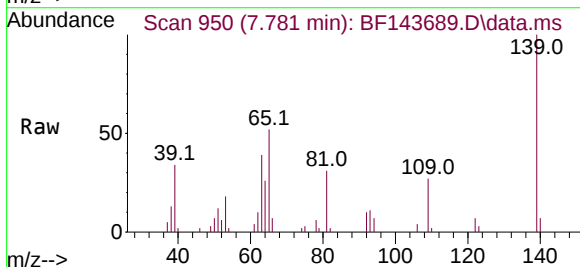
Manual Integrations
APPROVED

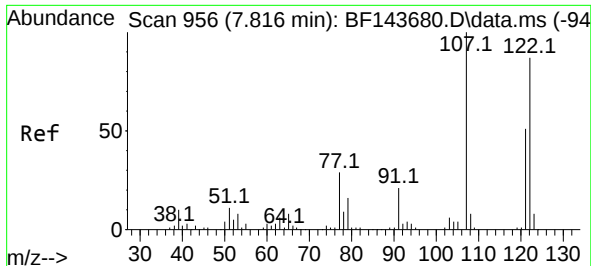
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#26
2-Nitrophenol
Concen: 8.096 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

Tgt Ion:139 Resp: 12077
Ion Ratio Lower Upper
139 100
109 27.5 22.8 34.2
65 51.7 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 9.187 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143689.D

Acq: 09 Sep 2025 17:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

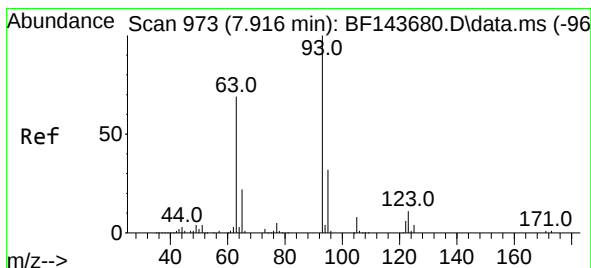
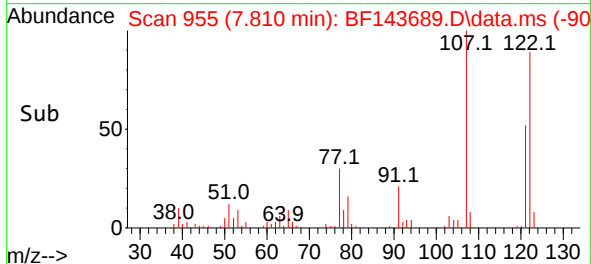
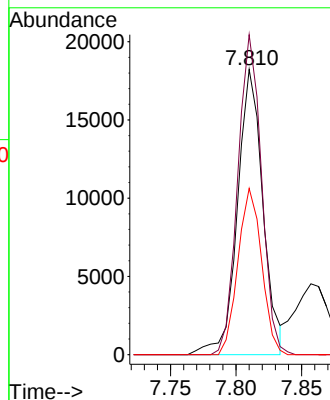
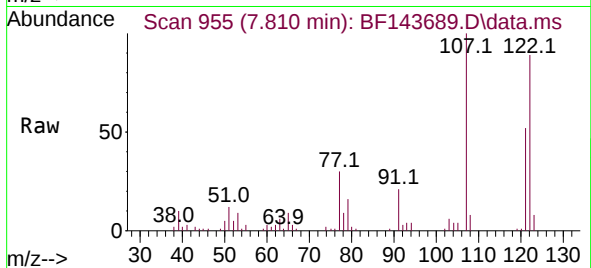
Tgt Ion:122	Resp: 24602
Ion Ratio	Lower Upper
122 100	
107 112.2	92.1 138.1
121 58.3	46.9 70.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#28

bis(2-Chloroethoxy)methane

Concen: 8.261 ng

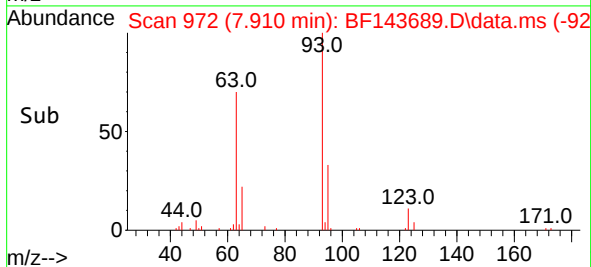
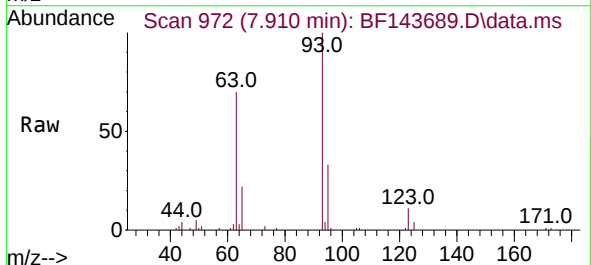
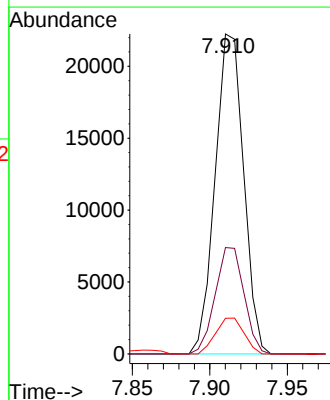
RT: 7.910 min Scan# 972

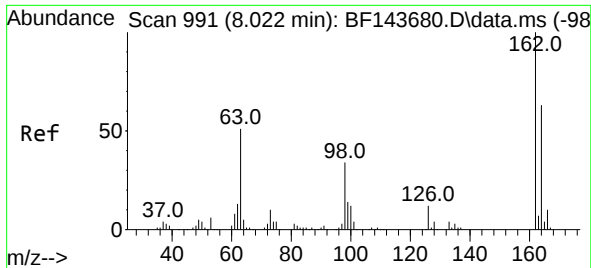
Delta R.T. -0.006 min

Lab File: BF143689.D

Acq: 09 Sep 2025 17:28

Tgt Ion: 93	Resp: 28485
Ion Ratio	Lower Upper
93 100	
95 33.2	26.0 39.0
123 11.1	9.6 14.4





#29

2,4-Dichlorophenol

Concen: 8.168 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143689.D

Acq: 09 Sep 2025 17:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

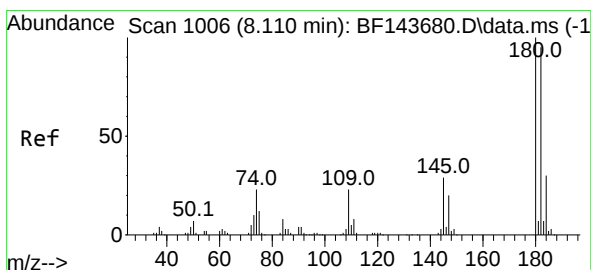
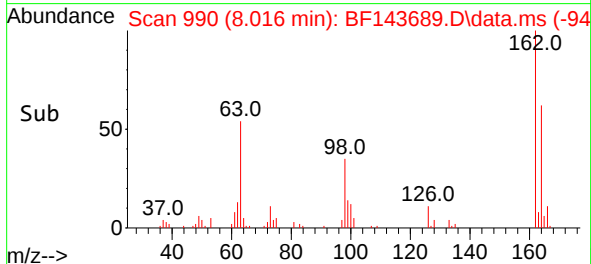
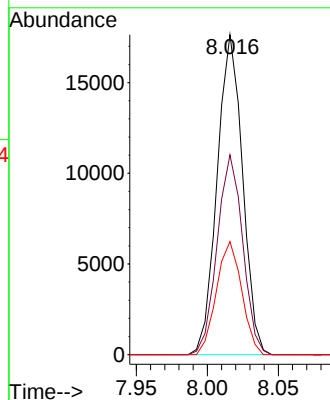
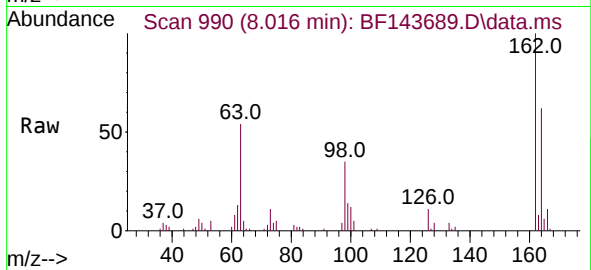
Tgt Ion:162	Resp:	22002
Ion Ratio	Lower	Upper
162	100	
164	62.4	43.0 83.0
98	35.3	13.8 53.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#30

1,2,4-Trichlorobenzene

Concen: 8.648 ng

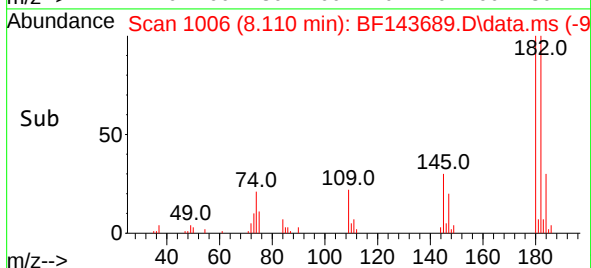
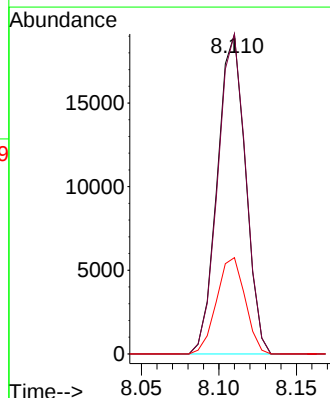
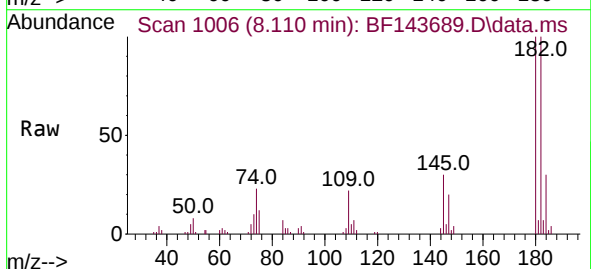
RT: 8.110 min Scan# 1006

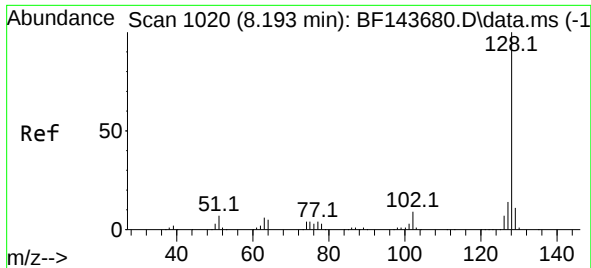
Delta R.T. -0.000 min

Lab File: BF143689.D

Acq: 09 Sep 2025 17:28

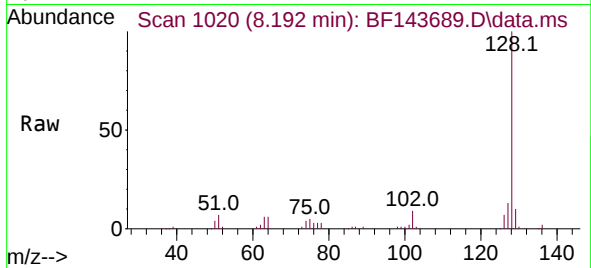
Tgt Ion:180	Resp:	24134
Ion Ratio	Lower	Upper
180	100	
182	100.1	76.2 114.4
145	30.1	23.2 34.8





#31
Naphthalene
Concen: 8.351 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

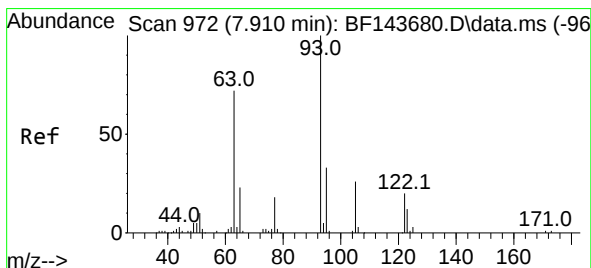
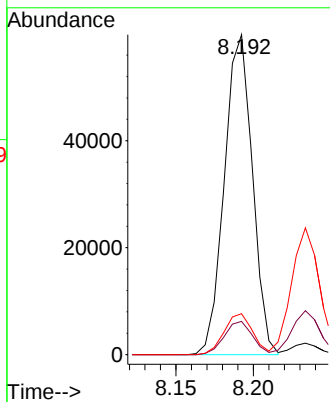
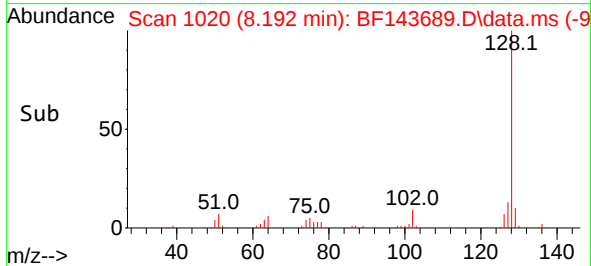
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:128 Resp: 75236
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 12.8 10.9 16.3

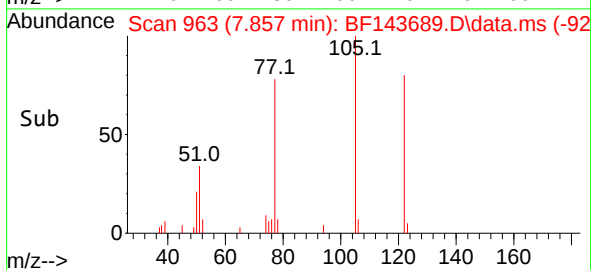
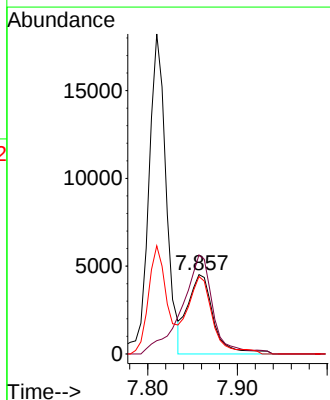
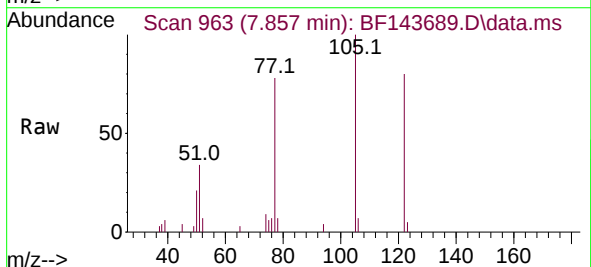
Manual Integrations
APPROVED

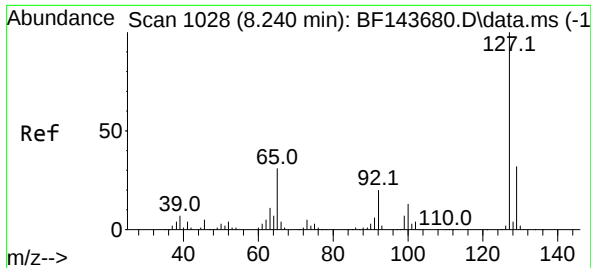
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#32
Benzoic acid
Concen: 5.494 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.053 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

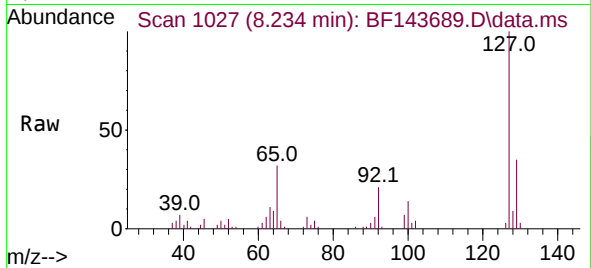
Tgt Ion:122 Resp: 8975
Ion Ratio Lower Upper
122 100
105 124.8 105.2 145.2
77 97.5 72.0 112.0





#33
4-Chloroaniline
Concen: 9.347 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

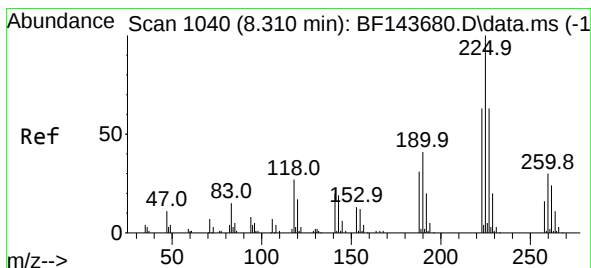
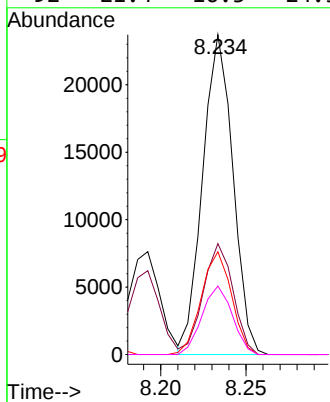
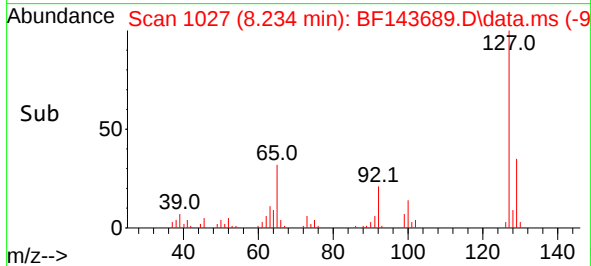
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion:	127	Resp:	29316
Ion	Ratio	Lower	Upper
127	100		
129	34.7	26.0	39.0
65	32.1	24.6	36.8
92	21.4	16.3	24.5

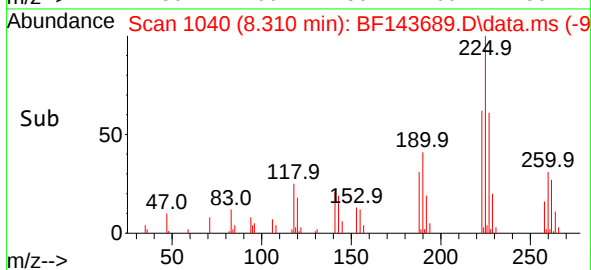
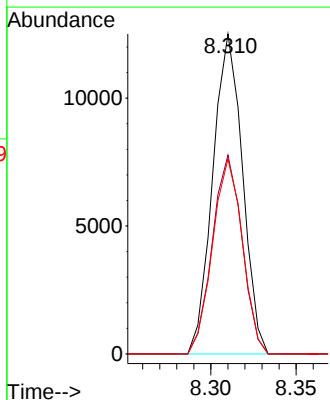
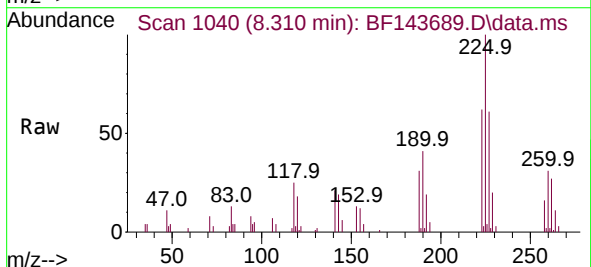
Manual Integrations
APPROVED

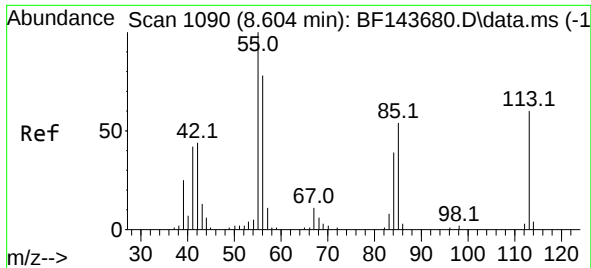
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#34
Hexachlorobutadiene
Concen: 8.315 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

Tgt Ion:	225	Resp:	15136
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	60.9	50.8	76.2





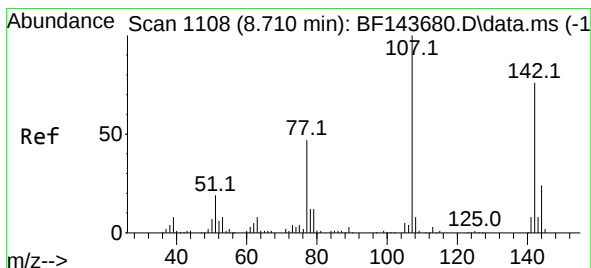
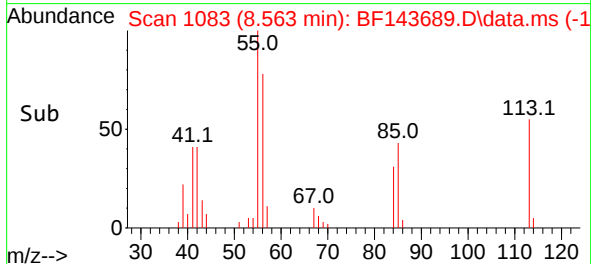
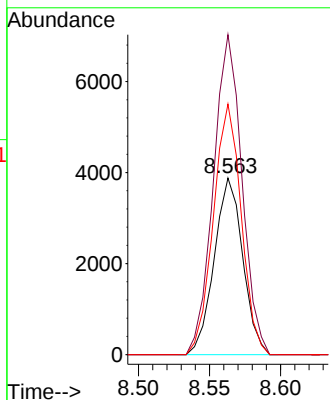
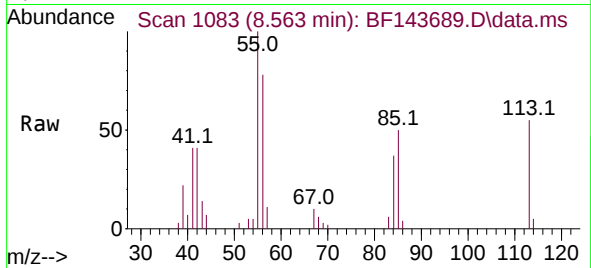
#35
Caprolactam
Concen: 7.571 ng
RT: 8.563 min Scan# 1090
Delta R.T. -0.041 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

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

Tgt Ion:113 Resp: 5428
Ion Ratio Lower Upper
113 100
55 181.2 148.9 188.9
56 141.9 112.8 152.8

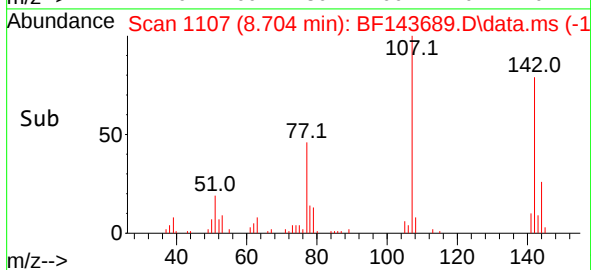
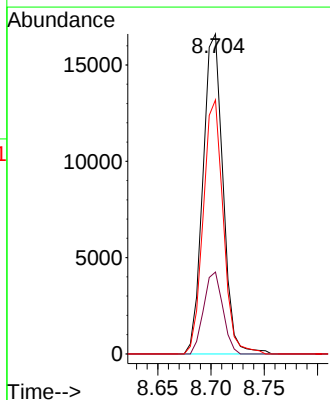
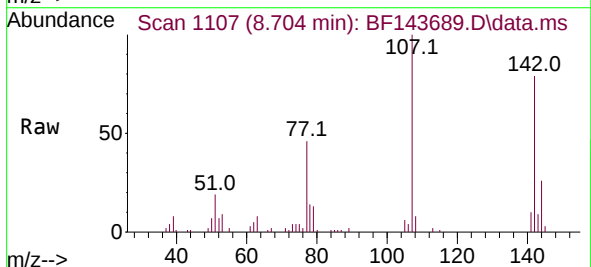
Manual Integrations
APPROVED

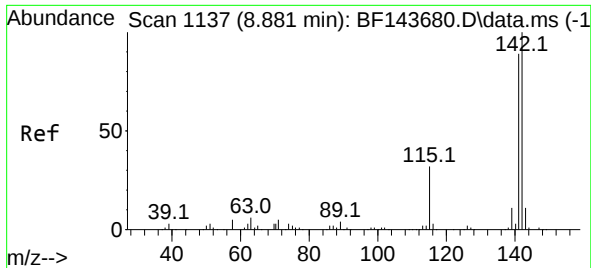
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#36
4-Chloro-3-methylphenol
Concen: 8.184 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

Tgt Ion:107 Resp: 21737
Ion Ratio Lower Upper
107 100
144 25.6 19.4 29.2
142 79.4 60.6 91.0





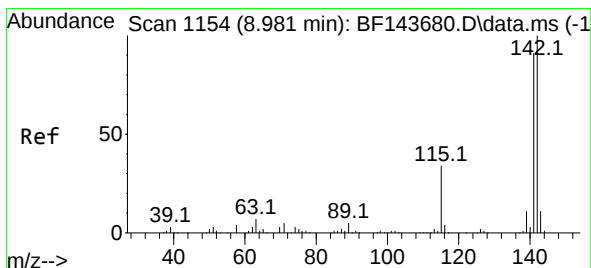
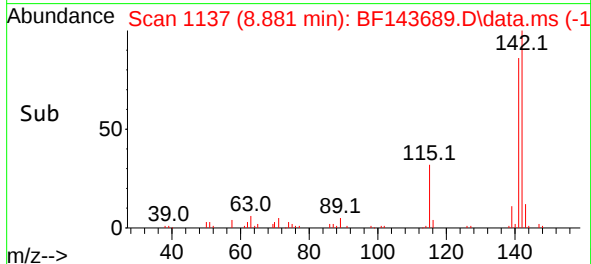
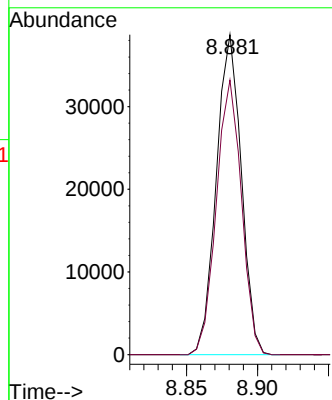
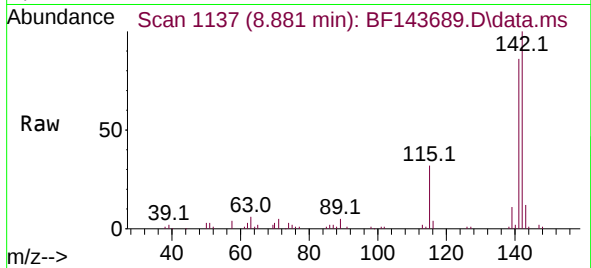
#37
2-Methylnaphthalene
Concen: 7.685 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

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

Tgt Ion:142 Resp: 47398
Ion Ratio Lower Upper
142 100
141 85.8 71.1 106.7

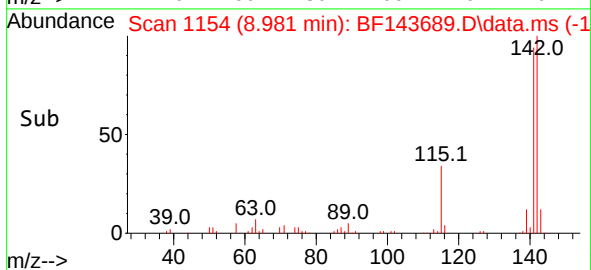
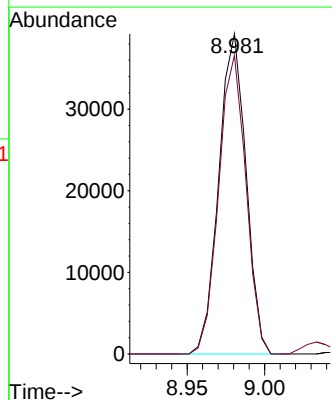
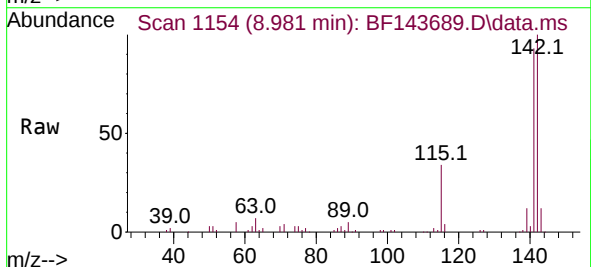
Manual Integrations
APPROVED

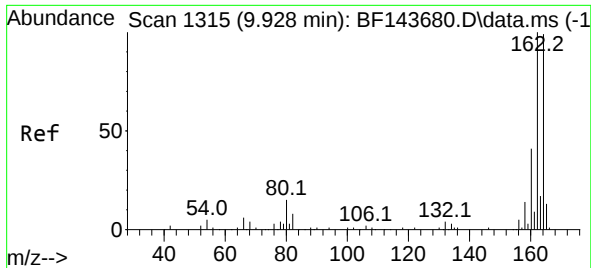
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#38
1-Methylnaphthalene
Concen: 8.115 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

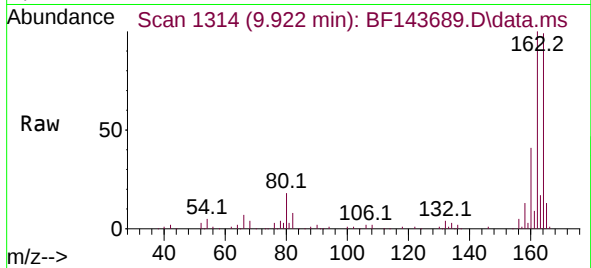
Tgt Ion:142 Resp: 48027
Ion Ratio Lower Upper
142 100
141 93.3 72.9 109.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

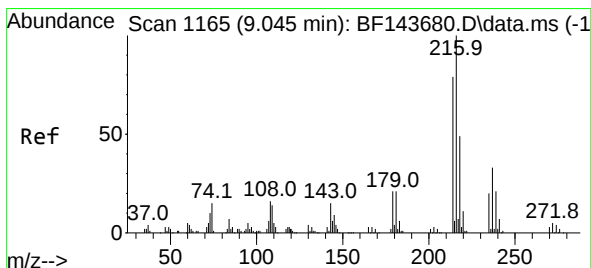
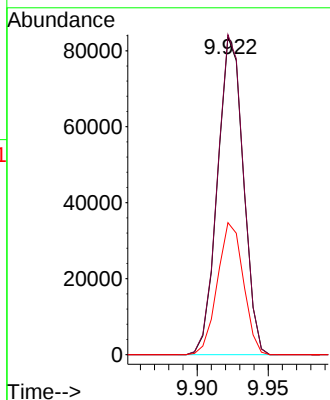
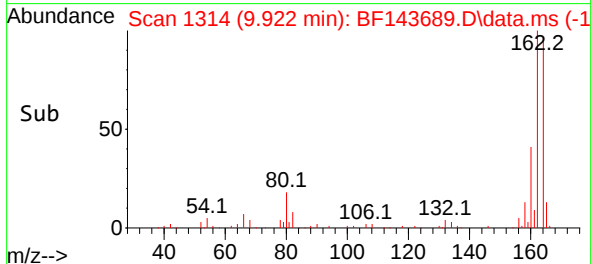
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:164 Resp: 105789
Ion Ratio Lower Upper
164 100
162 100.7 80.6 121.0
160 41.5 33.0 49.4

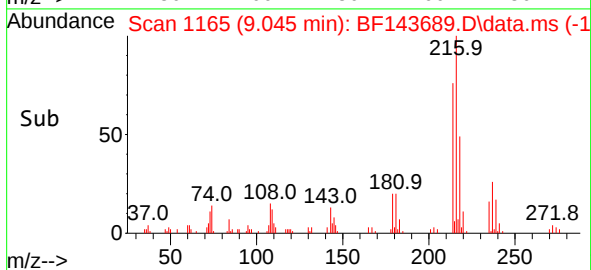
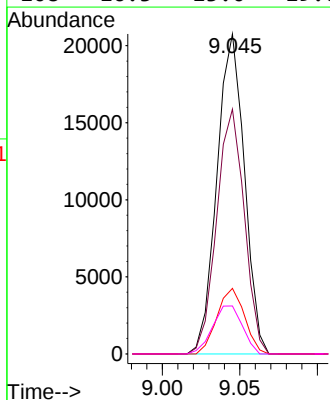
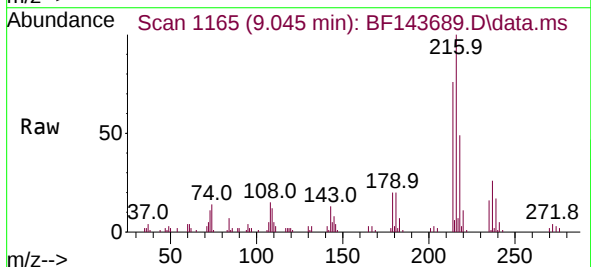
Manual Integrations
APPROVED

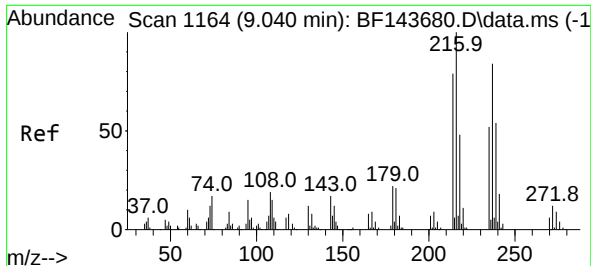
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.459 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

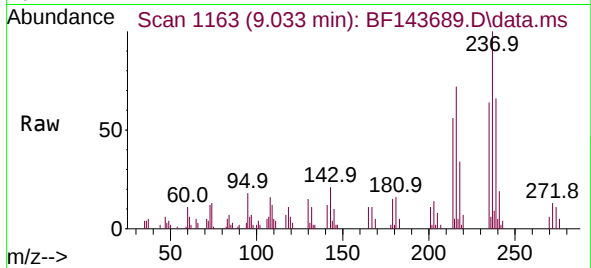
Tgt Ion:216 Resp: 25619
Ion Ratio Lower Upper
216 100
214 76.7 63.2 94.8
179 20.5 16.8 25.2
108 16.3 13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 9.958 ng
RT: 9.033 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

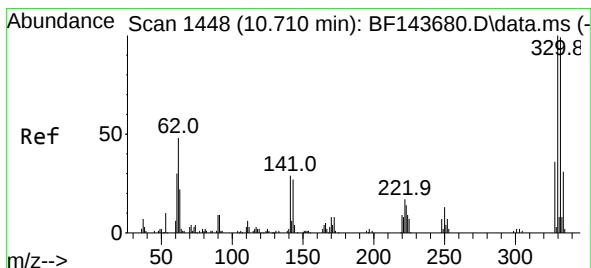
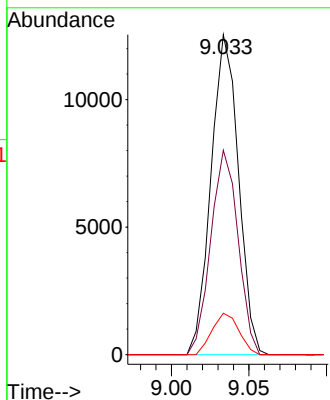
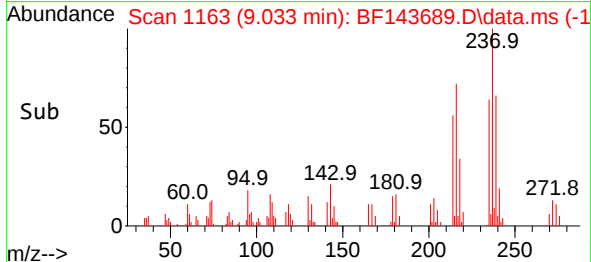
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:237 Resp: 15484
Ion Ratio Lower Upper
237 100
235 63.9 41.6 81.6
272 12.9 0.0 33.9

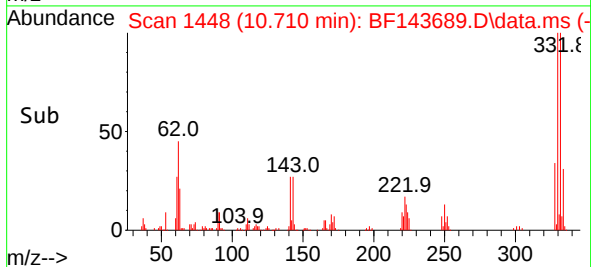
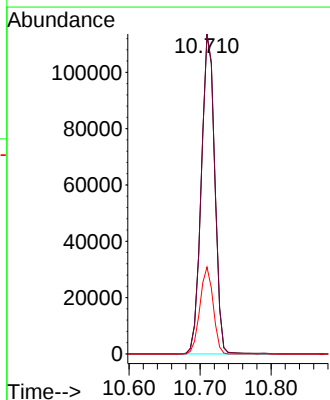
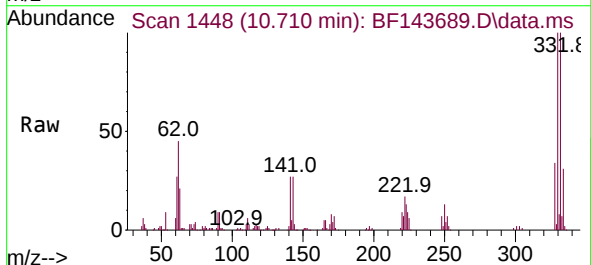
Manual Integrations
APPROVED

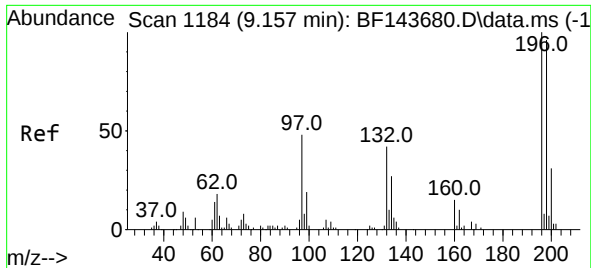
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#42
2,4,6-Tribromophenol
Concen: 138.997 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

Tgt Ion:330 Resp: 148187
Ion Ratio Lower Upper
330 100
332 100.1 79.2 118.8
141 26.6 22.2 33.4





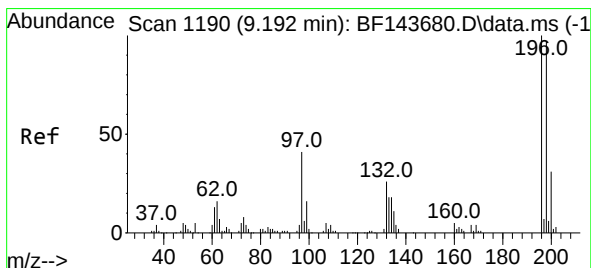
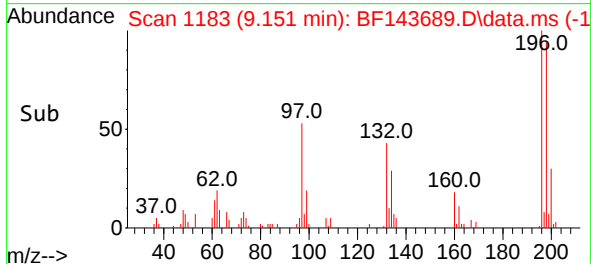
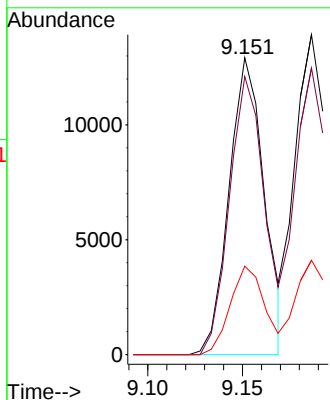
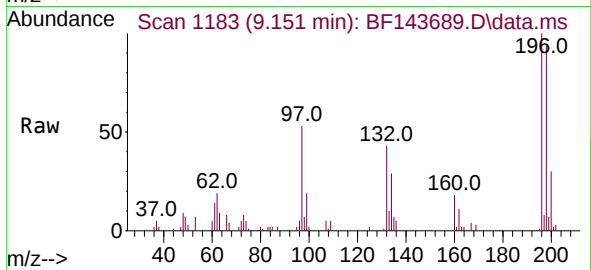
#43
2,4,6-Trichlorophenol
Concen: 8.262 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

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

Tgt Ion:196 Resp: 16709
Ion Ratio Lower Upper
196 100
198 93.6 76.5 114.7
200 29.8 24.5 36.7

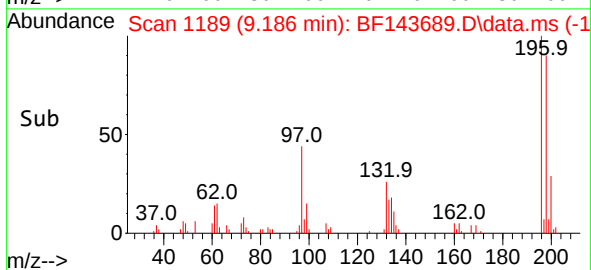
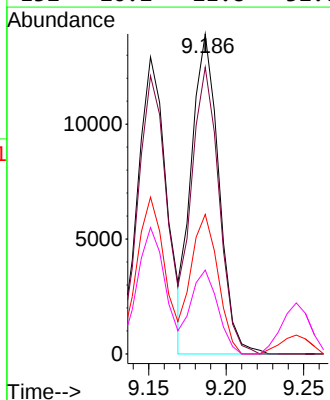
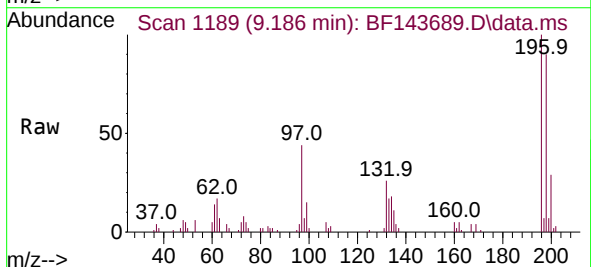
Manual Integrations
APPROVED

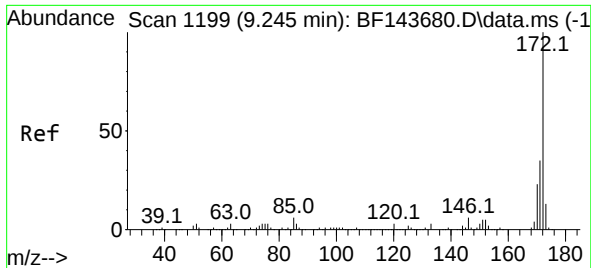
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#44
2,4,5-Trichlorophenol
Concen: 8.323 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

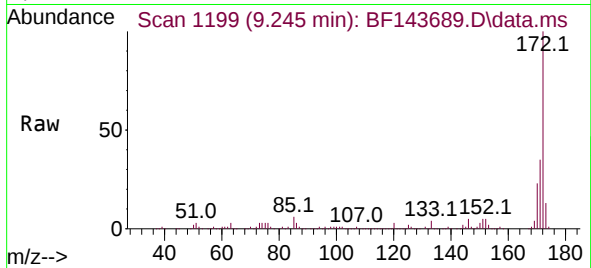
Tgt Ion:196 Resp: 17112
Ion Ratio Lower Upper
196 100
198 89.6 77.0 115.6
97 43.6 34.2 51.4
132 26.2 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 93.414 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

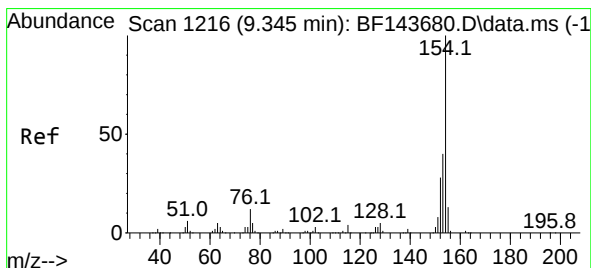
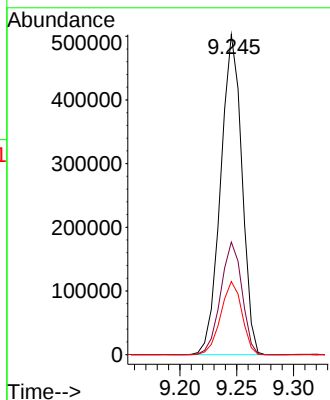
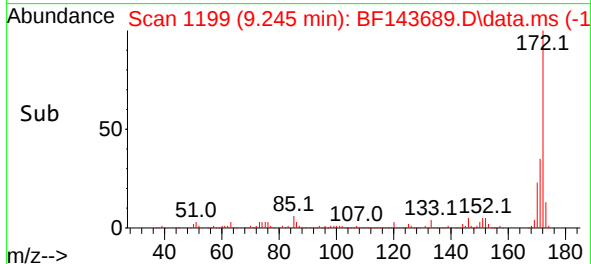
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion:172 Resp: 654182
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 22.8 18.6 27.8

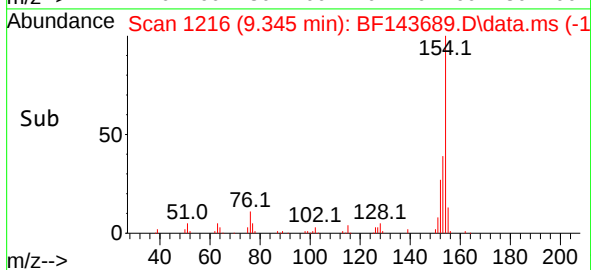
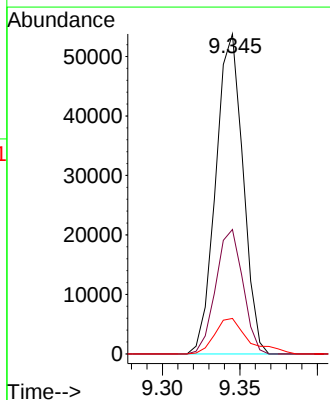
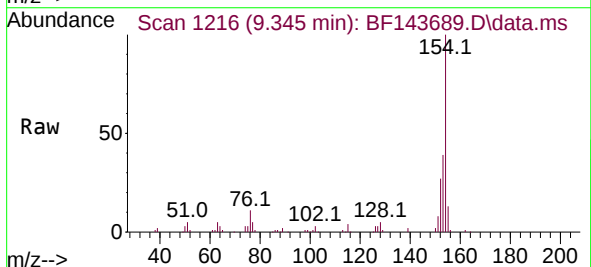
Manual Integrations
APPROVED

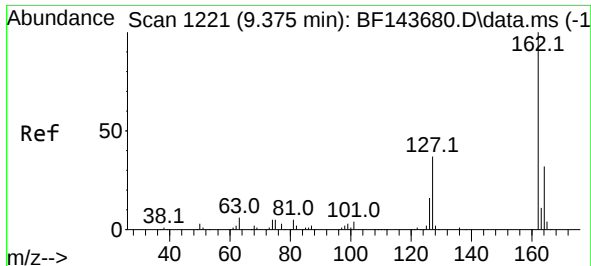
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#46
1,1'-Biphenyl
Concen: 8.652 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

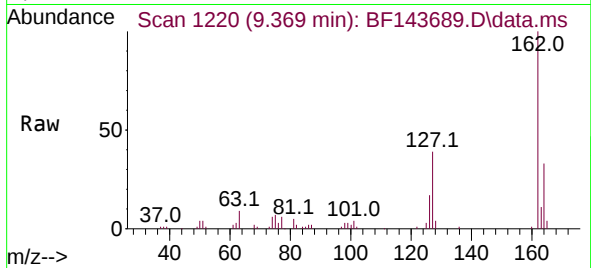
Tgt Ion:154 Resp: 65890
Ion Ratio Lower Upper
154 100
153 38.9 20.2 60.2
76 11.1 0.0 31.6





#47
2-Chloronaphthalene
Concen: 8.198 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

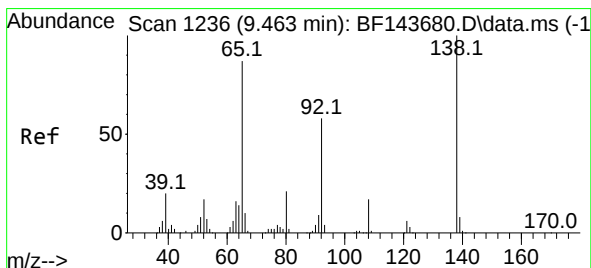
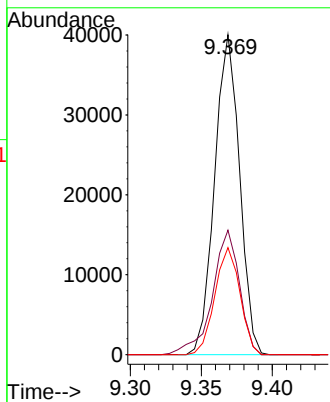
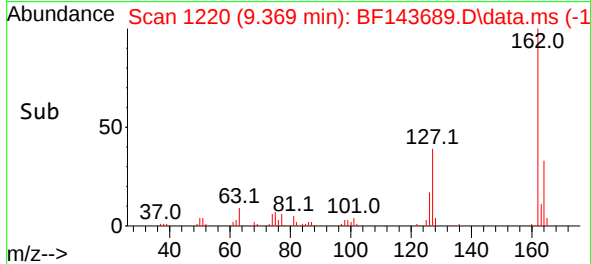
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:162 Resp: 48945
Ion Ratio Lower Upper
162 100
127 38.9 30.6 45.8
164 33.4 25.8 38.8

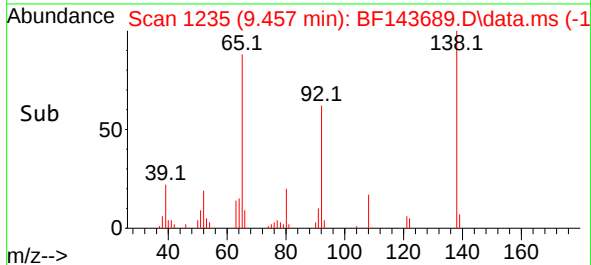
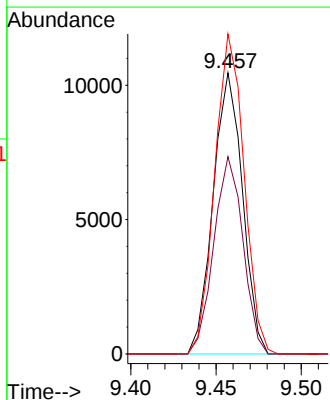
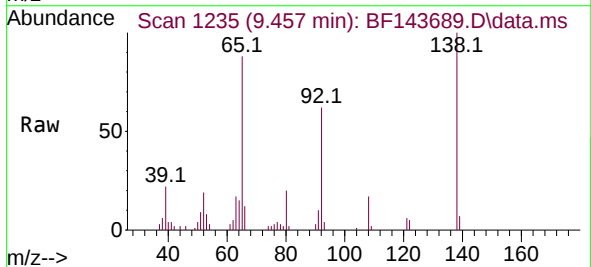
Manual Integrations
APPROVED

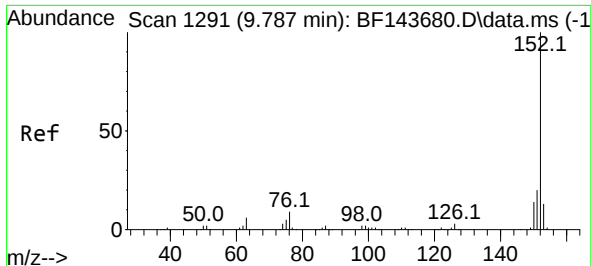
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#48
2-Nitroaniline
Concen: 7.924 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

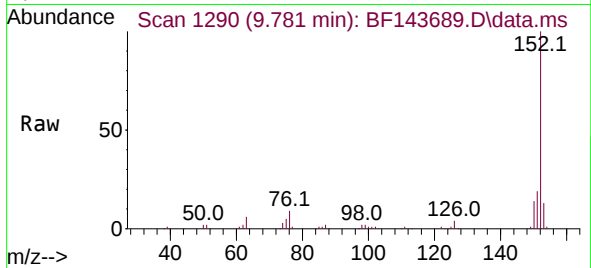
Tgt Ion: 65 Resp: 12520
Ion Ratio Lower Upper
65 100
92 70.2 53.3 79.9
138 113.8 92.1 138.1





#49
Acenaphthylene
Concen: 9.602 ng
RT: 9.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

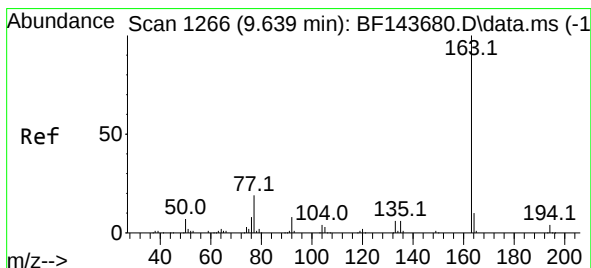
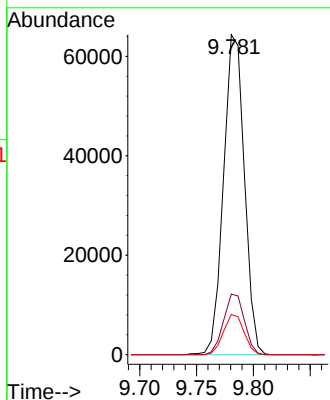
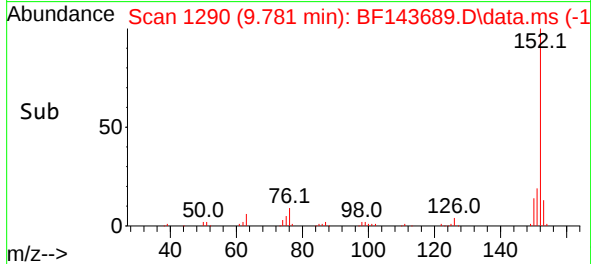
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



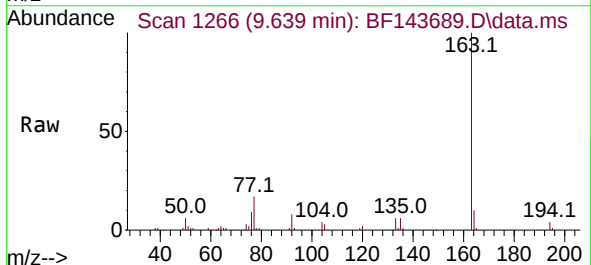
Tgt Ion:152 Resp: 82123
Ion Ratio Lower Upper
152 100
151 18.9 15.9 23.9
153 12.6 10.4 15.6

Manual Integrations
APPROVED

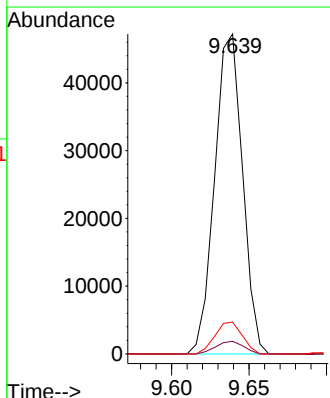
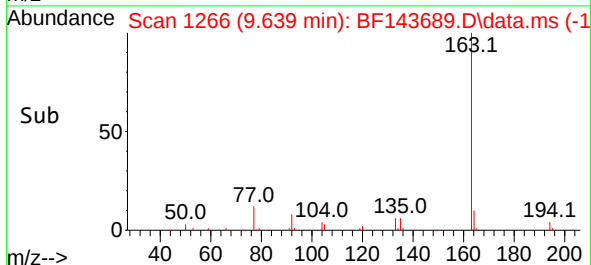
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

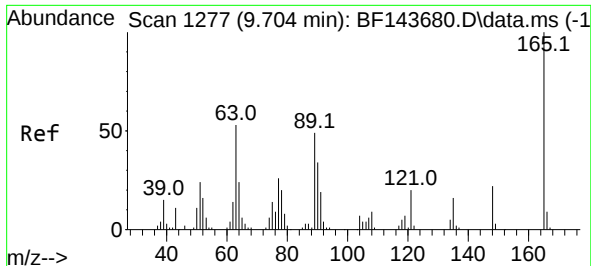


#50
Dimethylphthalate
Concen: 8.576 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28



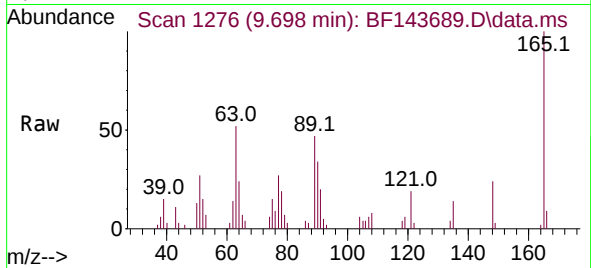
Tgt Ion:163 Resp: 59031
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.9 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 9.069 ng
RT: 9.698 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

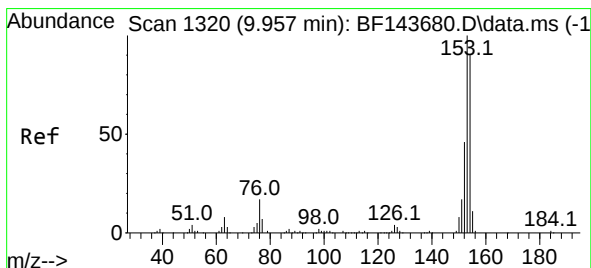
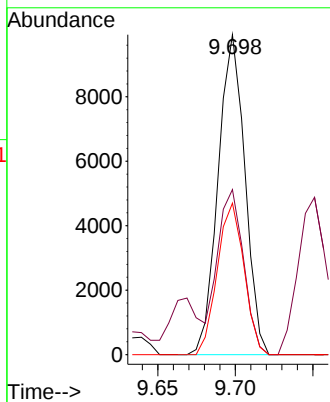
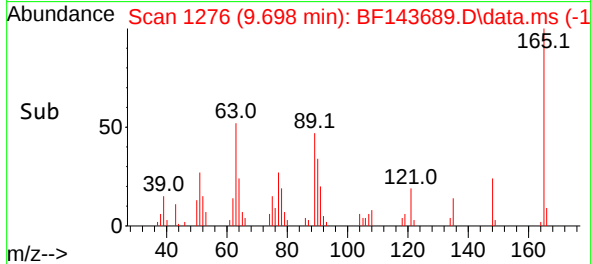
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:165 Resp: 1193
Ion Ratio Lower Upper
165 100
63 51.6 42.2 63.4
89 47.3 39.3 58.9

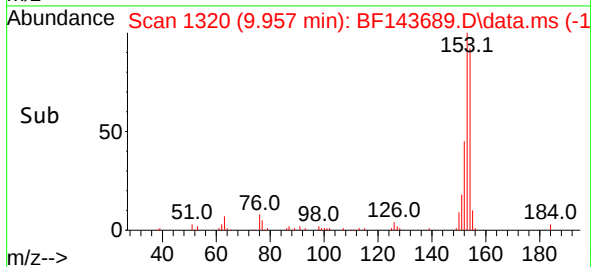
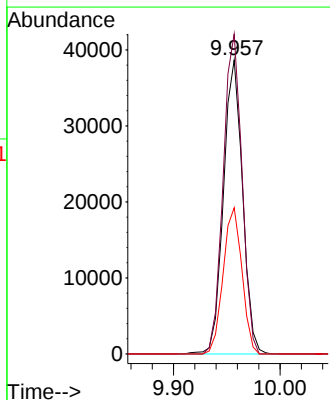
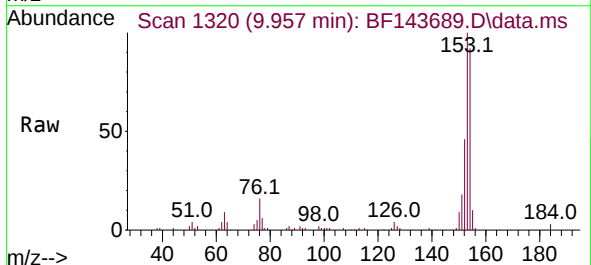
Manual Integrations
APPROVED

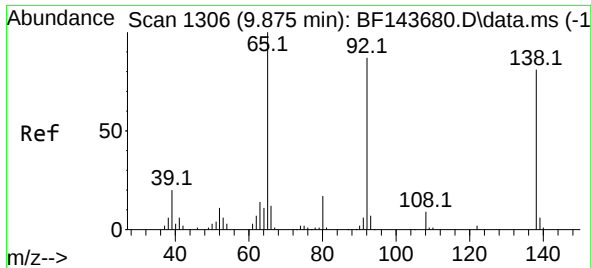
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#52
Acenaphthene
Concen: 8.187 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

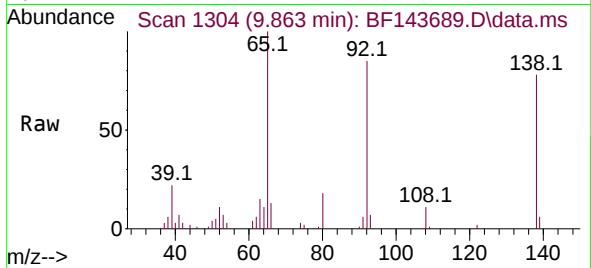
Tgt Ion:154 Resp: 48251
Ion Ratio Lower Upper
154 100
153 108.8 89.4 134.0
152 49.7 41.2 61.8





#53
3-Nitroaniline
Concen: 8.825 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.012 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

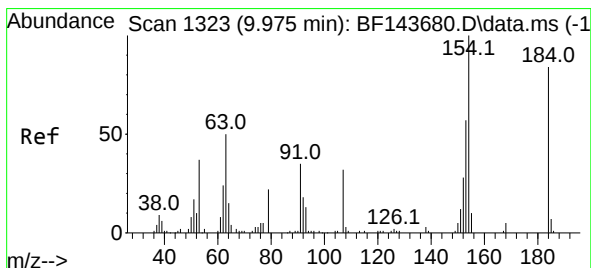
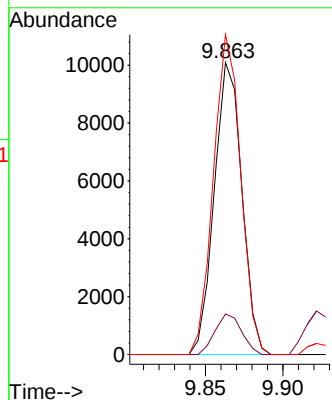
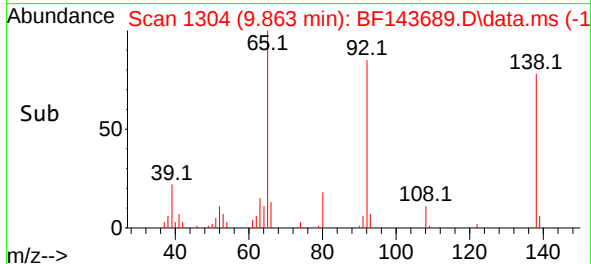
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion:138 Resp: 12498
Ion Ratio Lower Upper
138 100
108 13.9 8.6 12.8#
92 109.5 85.5 128.3

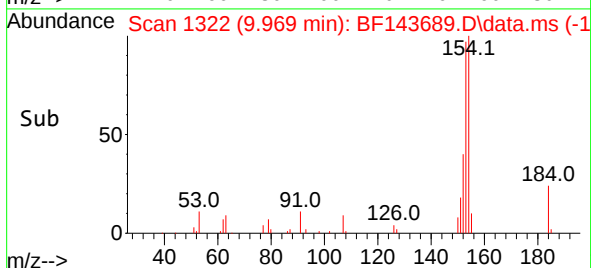
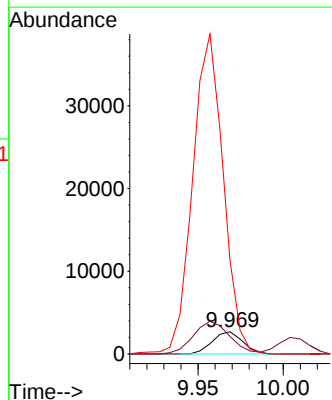
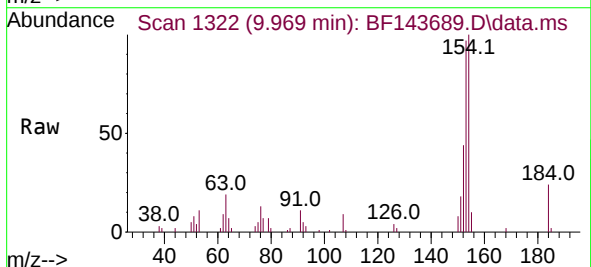
Manual Integrations
APPROVED

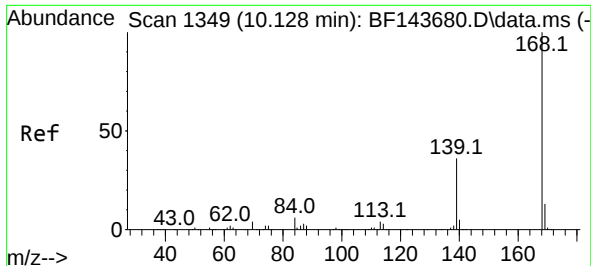
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#54
2,4-Dinitrophenol
Concen: 9.920 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

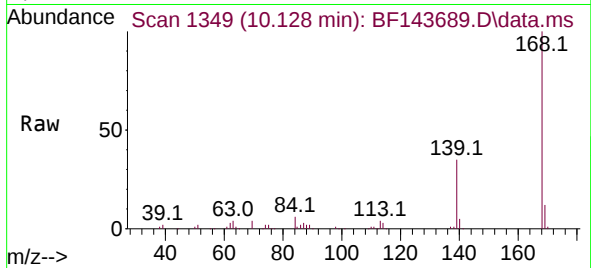
Tgt Ion:184 Resp: 3293
Ion Ratio Lower Upper
184 100
63 79.2 52.7 79.1#
154 424.5 136.6 204.8#





#55
Dibenzenofuran
Concen: 8.577 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

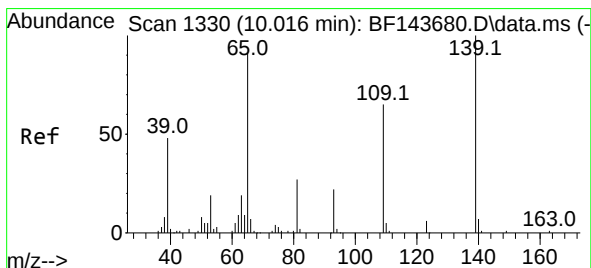
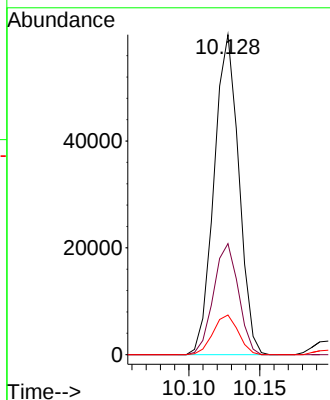
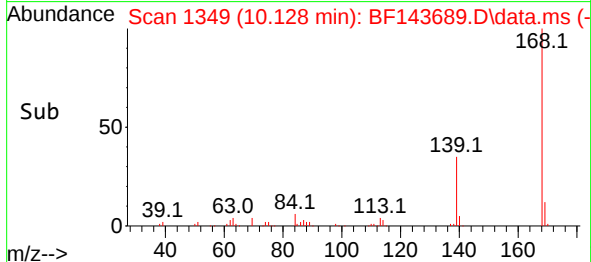
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



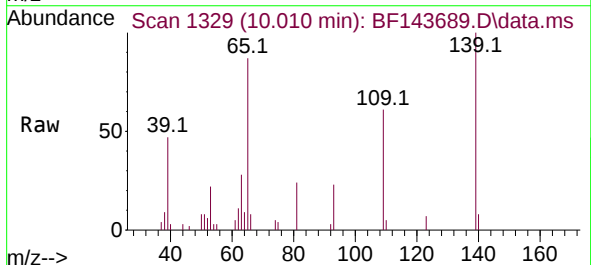
Tgt Ion:168 Resp: 72688
Ion Ratio Lower Upper
168 100
139 34.7 29.0 43.4
169 12.4 10.8 16.2

Manual Integrations
APPROVED

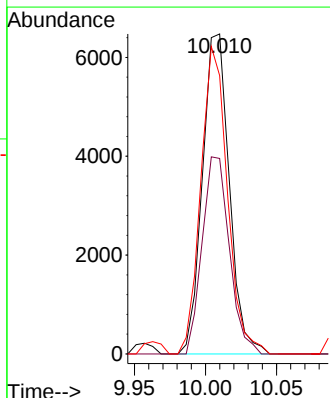
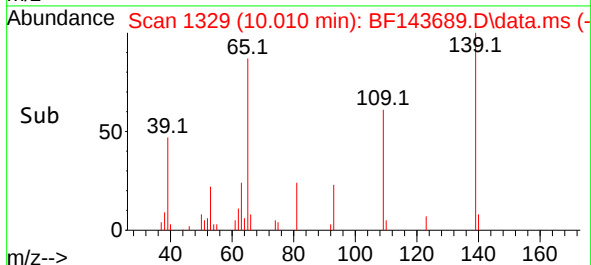
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

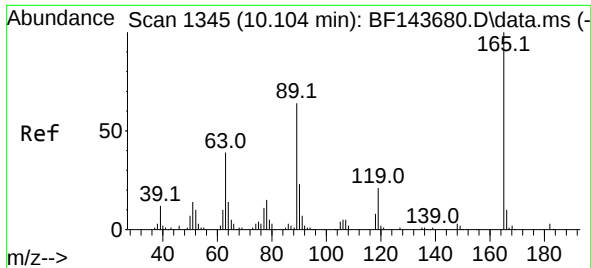


#56
4-Nitrophenol
Concen: 7.572 ng
RT: 10.010 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28



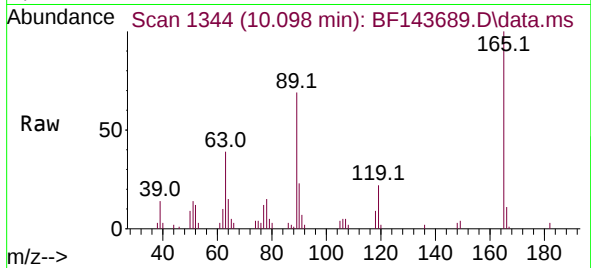
Tgt Ion:139 Resp: 8532
Ion Ratio Lower Upper
139 100
109 61.1 45.2 85.2
65 87.0 72.1 112.1





#57
2,4-Dinitrotoluene
Concen: 8.402 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

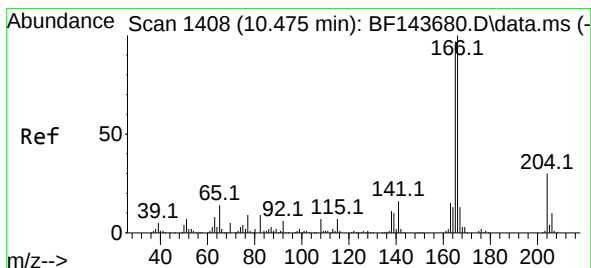
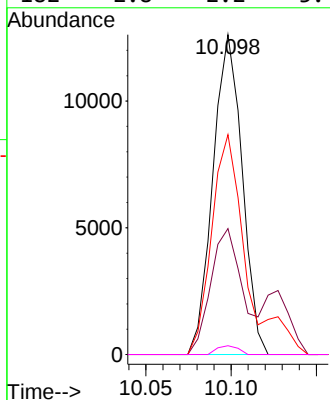
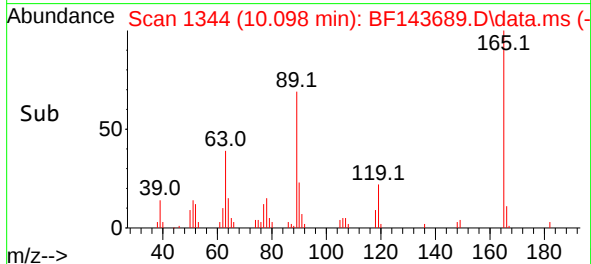
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



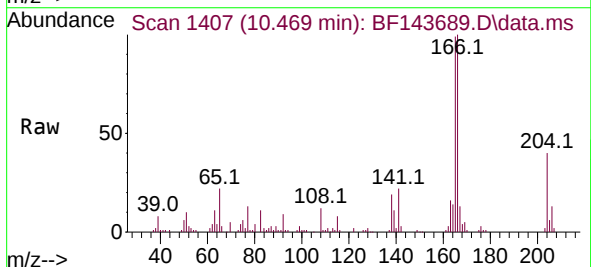
Tgt Ion:165	Resp:	15049
Ion Ratio	Lower	Upper
165	100	
63	39.4	31.5 47.3
89	68.7	51.3 76.9
182	2.8	2.2 3.4

Manual Integrations
APPROVED

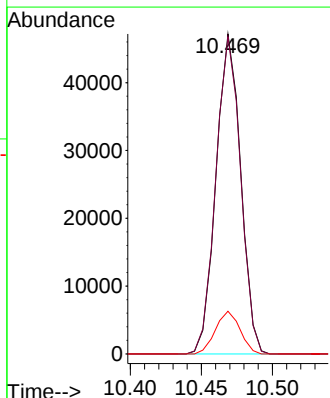
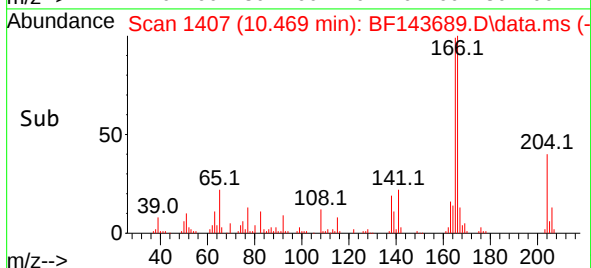
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

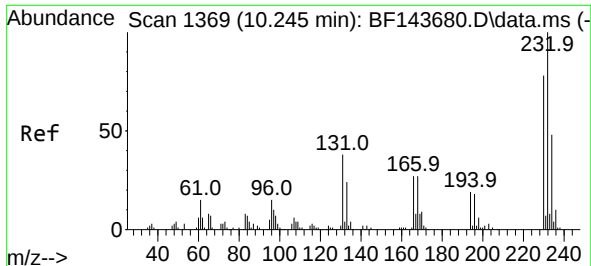


#58
Fluorene
Concen: 8.601 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28



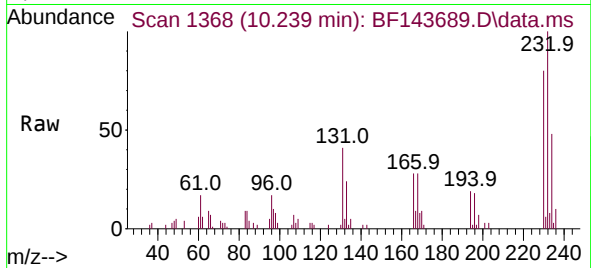
Tgt Ion:166	Resp:	57055
Ion Ratio	Lower	Upper
166	100	
165	99.1	77.5 116.3
167	13.3	10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.622 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

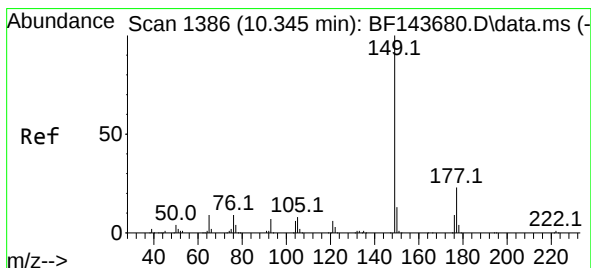
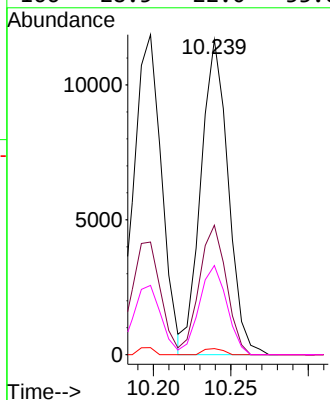
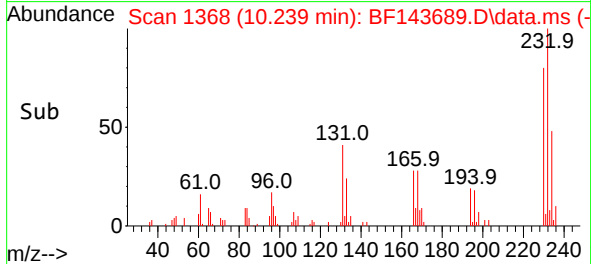
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:232 Resp: 14374
Ion Ratio Lower Upper
232 100
131 40.8 31.9 47.9
130 1.4 1.4 2.0
166 28.5 22.0 33.0

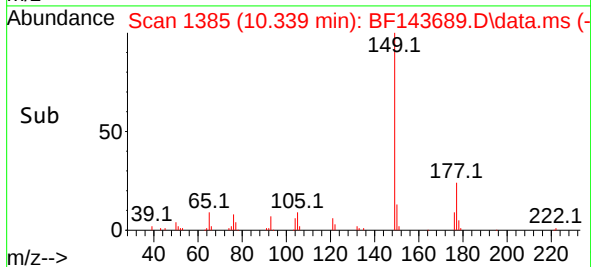
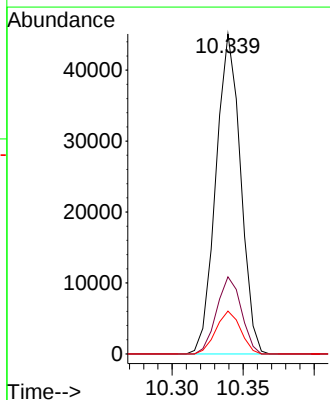
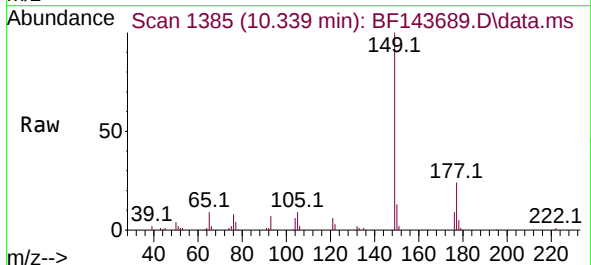
Manual Integrations
APPROVED

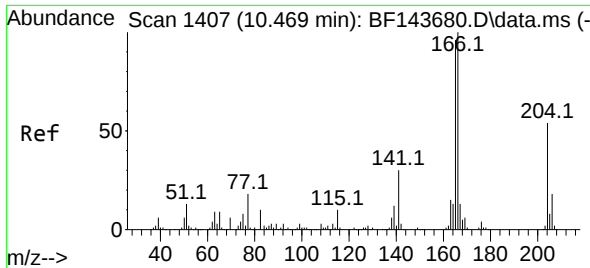
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#60
Diethylphthalate
Concen: 8.437 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

Tgt Ion:149 Resp: 54520
Ion Ratio Lower Upper
149 100
177 24.1 18.2 27.2
150 13.4 10.0 15.0





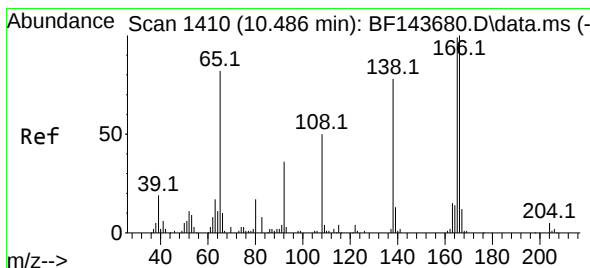
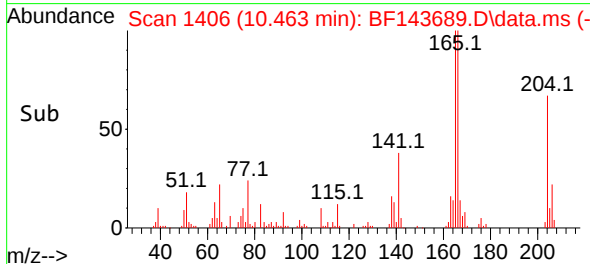
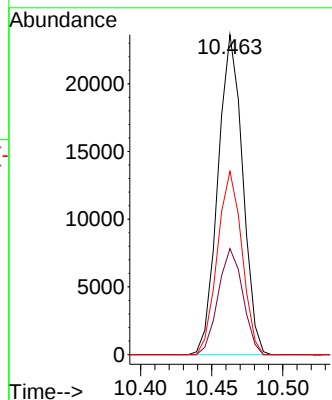
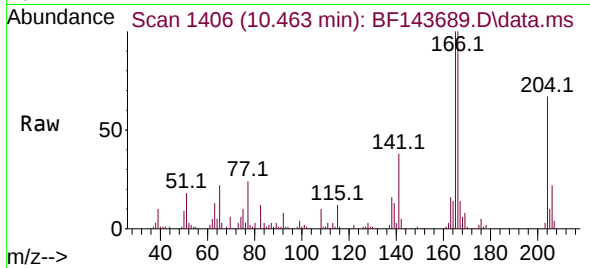
#61
4-Chlorophenyl-phenylether
Concen: 8.505 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

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

Tgt Ion:204 Resp: 28613
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 57.3 44.8 67.2

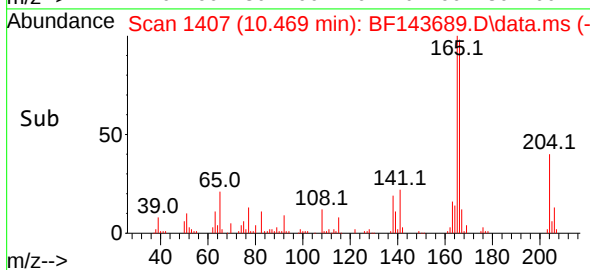
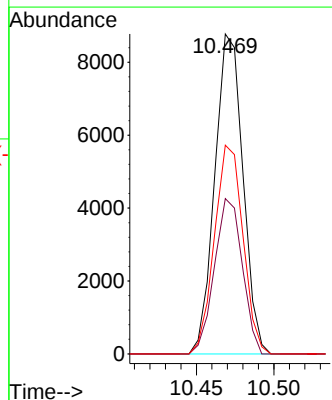
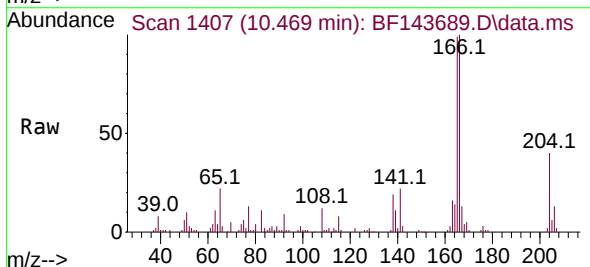
Manual Integrations
APPROVED

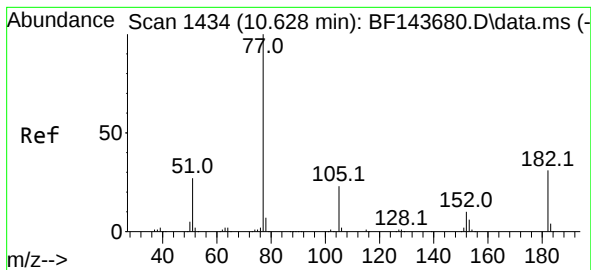
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#62
4-Nitroaniline
Concen: 8.274 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.018 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

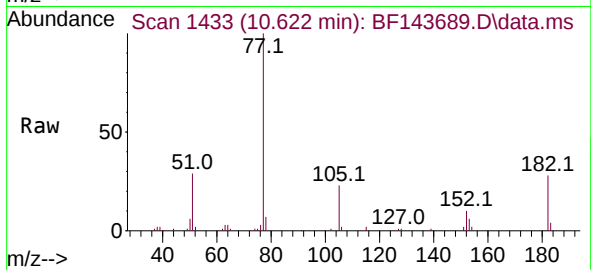
Tgt Ion:138 Resp: 11098
Ion Ratio Lower Upper
138 100
92 48.5 26.4 66.4
108 65.2 44.3 84.3





#63
Azobenzene
Concen: 8.574 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

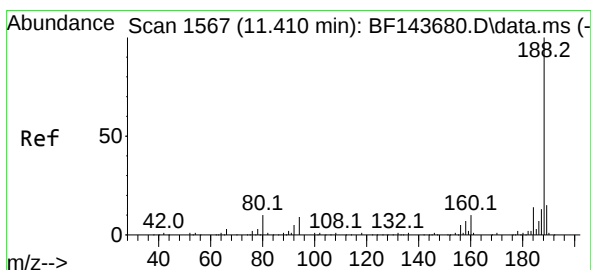
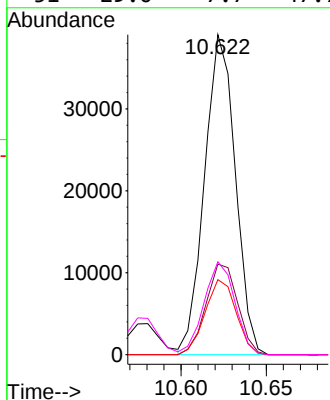
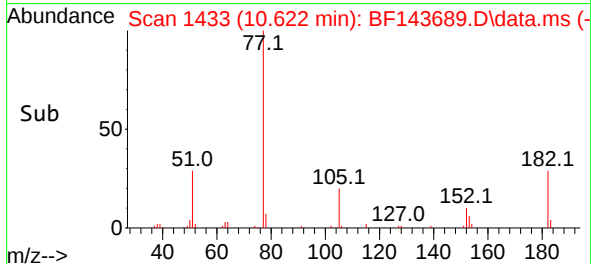
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



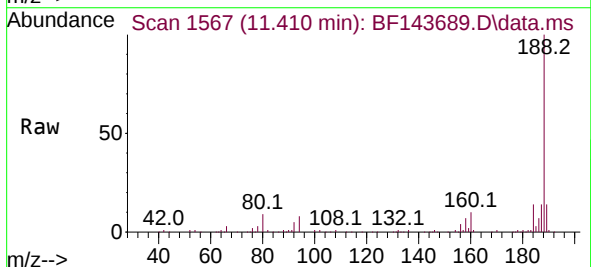
Tgt Ion: 77 Resp: 48980
Ion Ratio Lower Upper
77 100
182 28.3 10.8 50.8
105 23.4 3.2 43.2
51 29.0 7.7 47.7

Manual Integrations
APPROVED

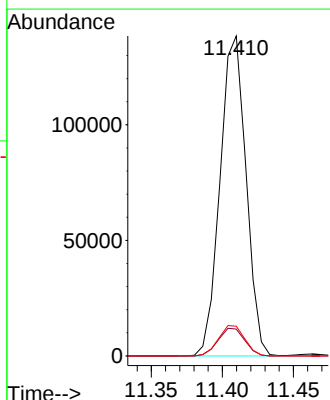
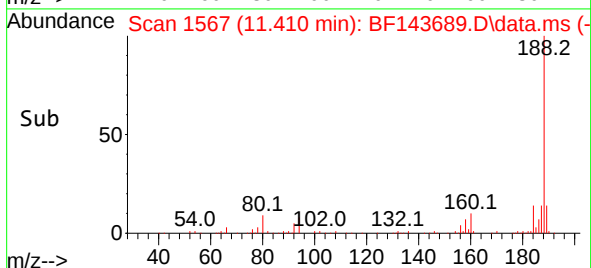
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

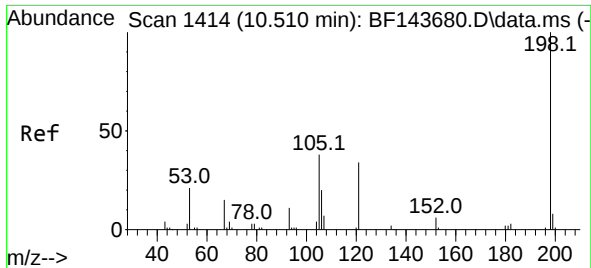


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28



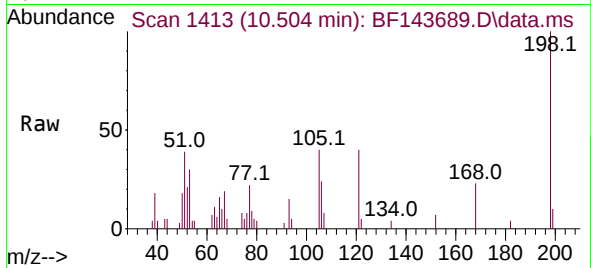
Tgt Ion:188 Resp: 176516
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.0
80 9.3 7.7 11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 6.180 ng
RT: 10.504 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

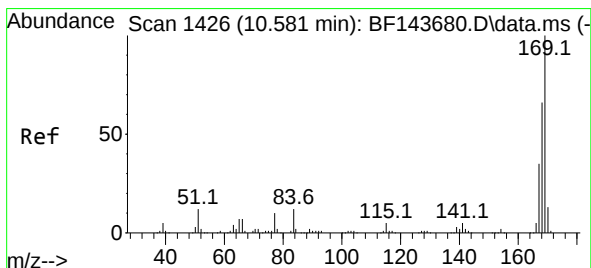
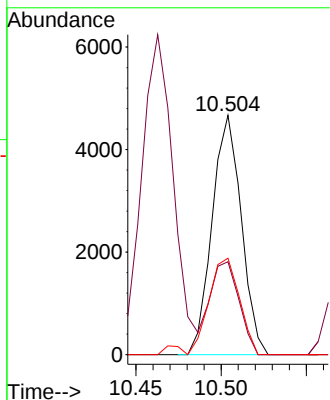
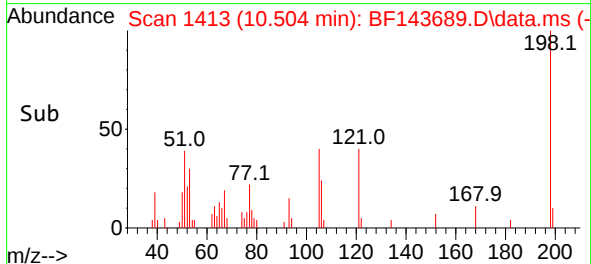
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



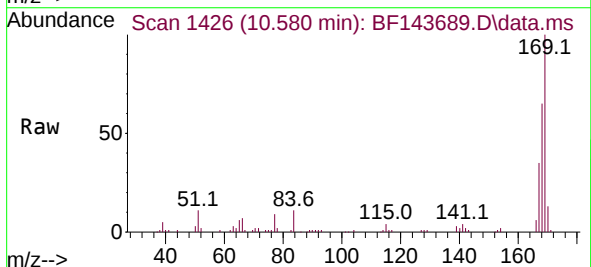
Tgt Ion:198 Resp: 5554
Ion Ratio Lower Upper
198 100
51 38.8 21.2 61.2
105 40.3 19.0 59.0

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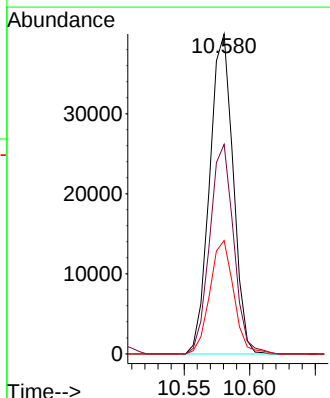
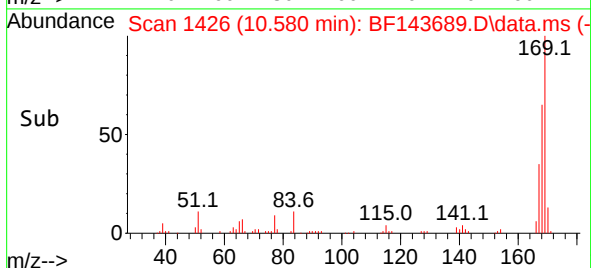
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

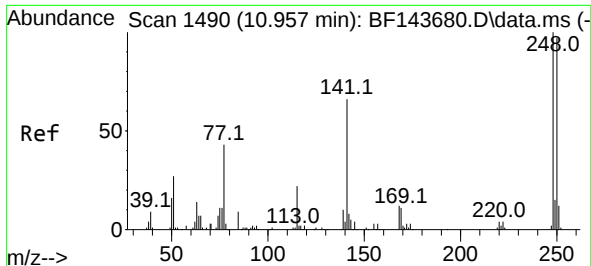


#66
n-Nitrosodiphenylamine
Concen: 8.619 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28



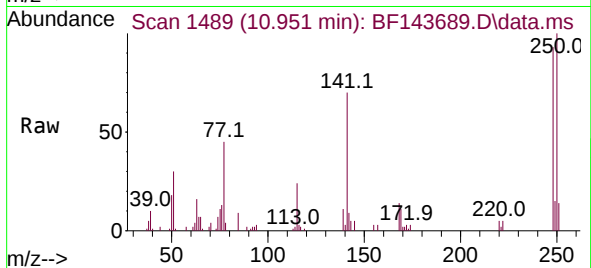
Tgt Ion:169 Resp: 49839
Ion Ratio Lower Upper
169 100
168 65.5 53.0 79.6
167 35.4 28.1 42.1





#67
4-Bromophenyl-phenylether
Concen: 7.999 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

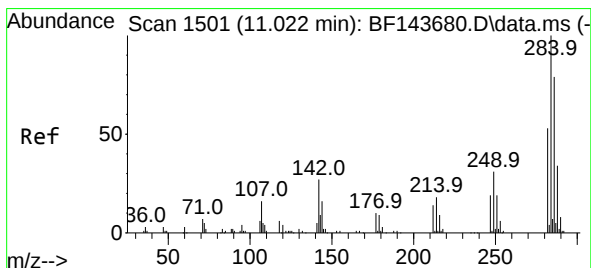
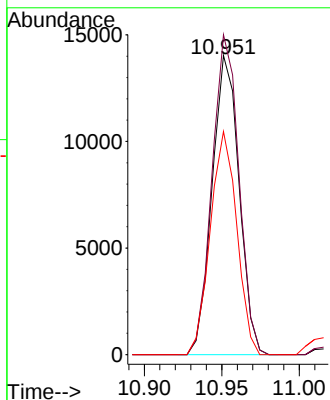
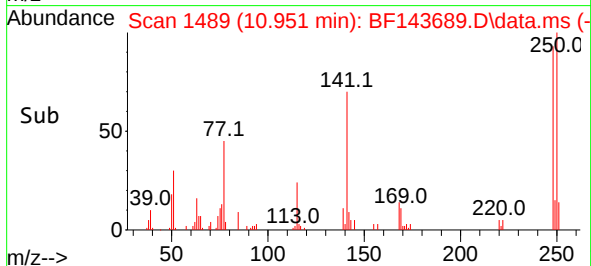
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



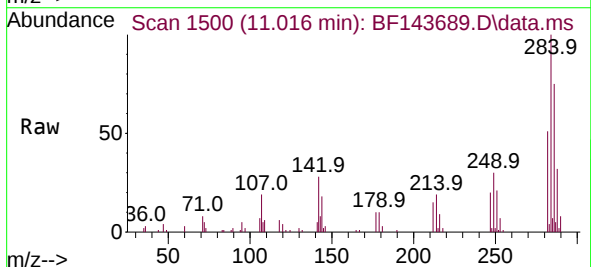
Tgt Ion:248 Resp: 17026
Ion Ratio Lower Upper
248 100
250 107.0 77.5 116.3
141 74.6 52.6 79.0

Manual Integrations
APPROVED

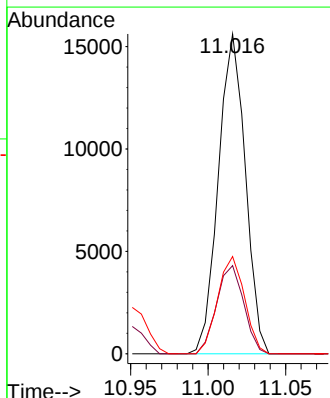
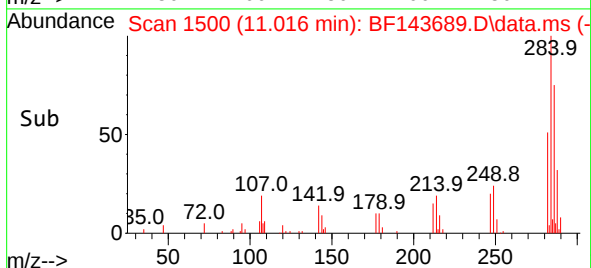
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

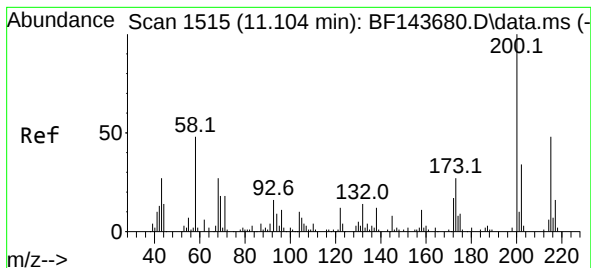


#68
Hexachlorobenzene
Concen: 8.404 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28



Tgt Ion:284 Resp: 18889
Ion Ratio Lower Upper
284 100
142 27.6 21.3 31.9
249 30.4 25.0 37.4





#69

Atrazine

Concen: 8.753 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.006 min

Lab File: BF143689.D

Acq: 09 Sep 2025 17:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

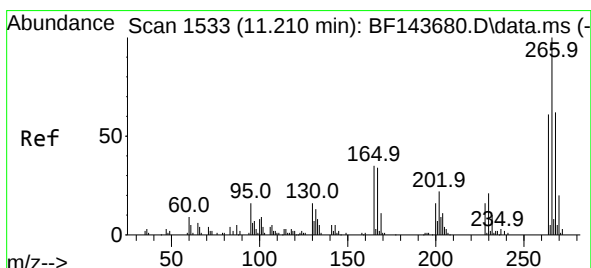
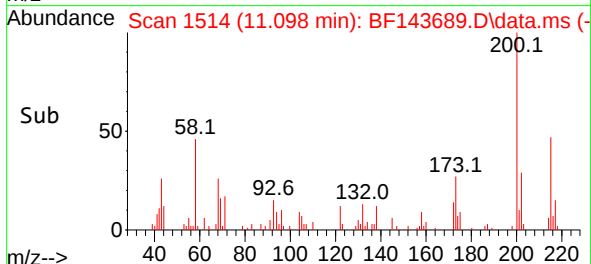
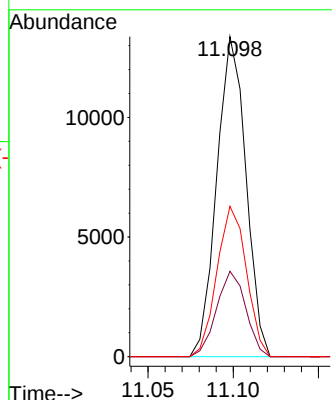
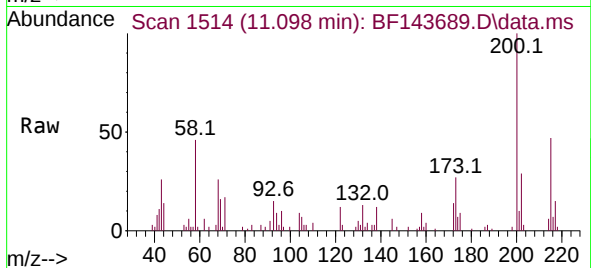
Tgt Ion:200 Resp: 15870
 Ion Ratio Lower Upper
 200 100
 173 26.7 7.3 47.3
 215 47.0 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#70

Pentachlorophenol

Concen: 6.490 ng

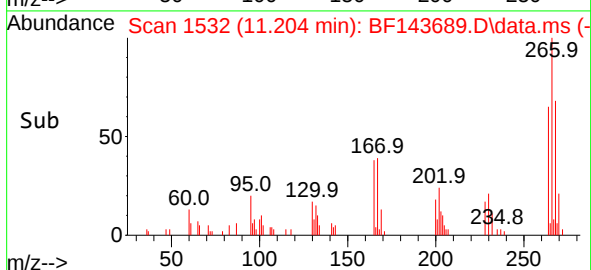
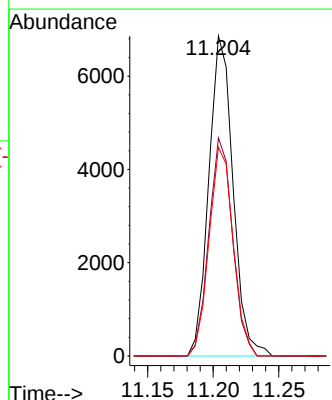
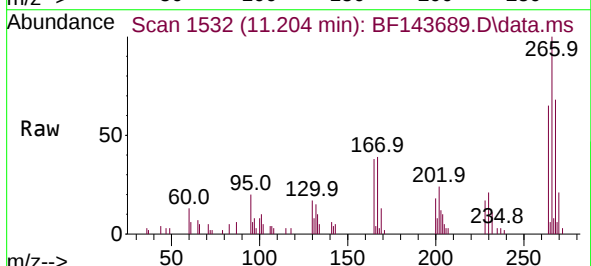
RT: 11.204 min Scan# 1532

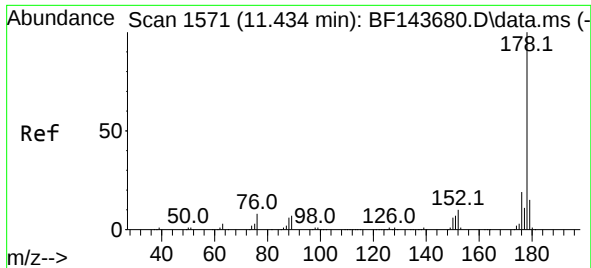
Delta R.T. -0.006 min

Lab File: BF143689.D

Acq: 09 Sep 2025 17:28

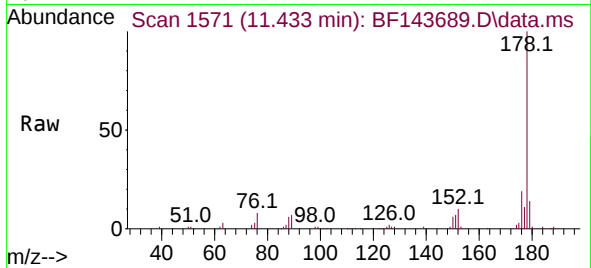
Tgt Ion:266 Resp: 8818
 Ion Ratio Lower Upper
 266 100
 268 68.1 49.2 73.8
 264 65.2 48.6 73.0





#71
Phenanthrene
Concen: 8.595 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

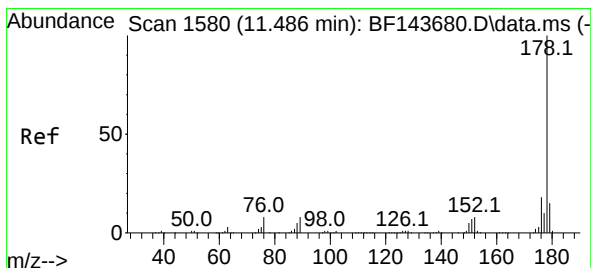
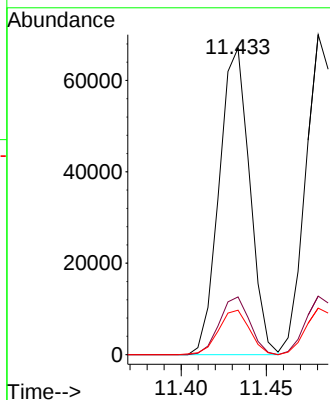
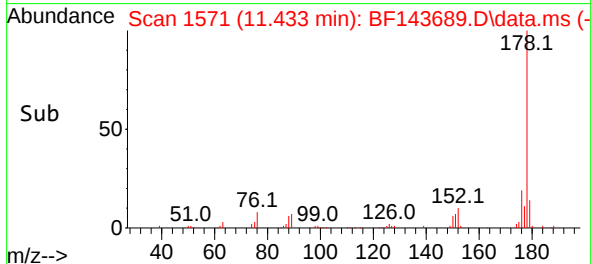
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



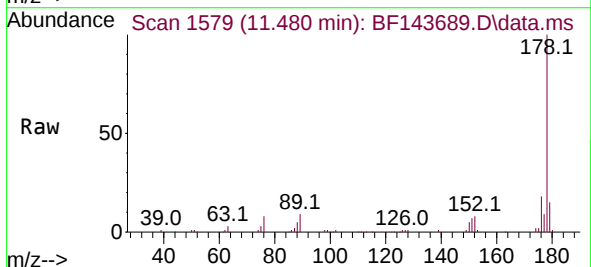
Tgt Ion:178 Resp: 83588
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 14.5 12.2 18.2

Manual Integrations
APPROVED

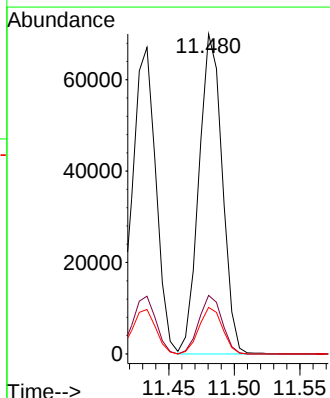
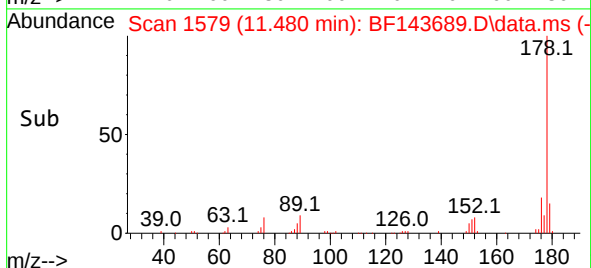
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

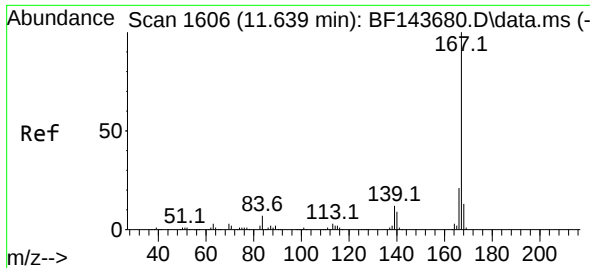


#72
Anthracene
Concen: 8.841 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28



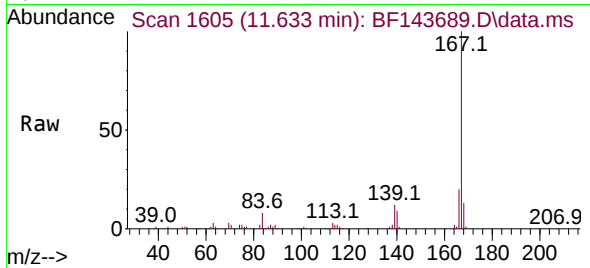
Tgt Ion:178 Resp: 86455
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 14.6 12.2 18.2





#73
 Carbazole
 Concen: 8.861 ng
 RT: 11.633 min Scan# 1605
 Delta R.T. -0.006 min
 Lab File: BF143689.D
 Acq: 09 Sep 2025 17:28

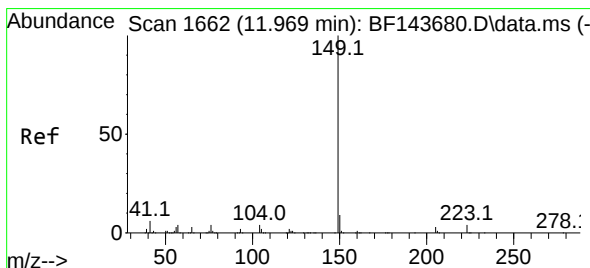
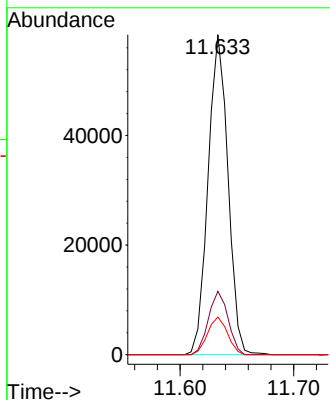
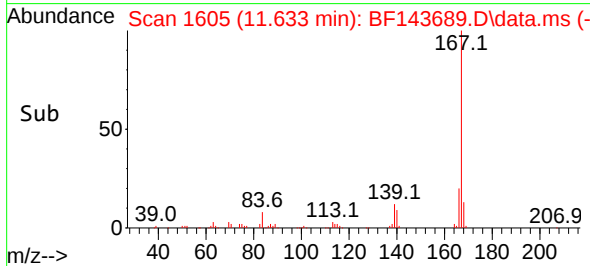
Instrument : BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025



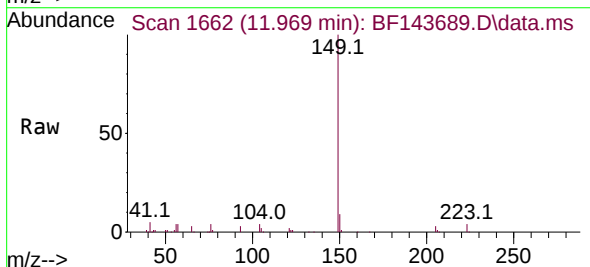
Tgt Ion:167 Resp: 70966
 Ion Ratio Lower Upper
 167 100
 166 19.8 17.0 25.4
 139 11.7 9.7 14.5

Manual Integrations
 APPROVED

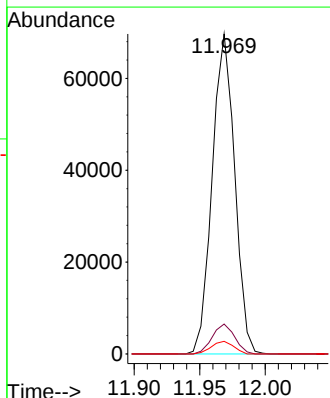
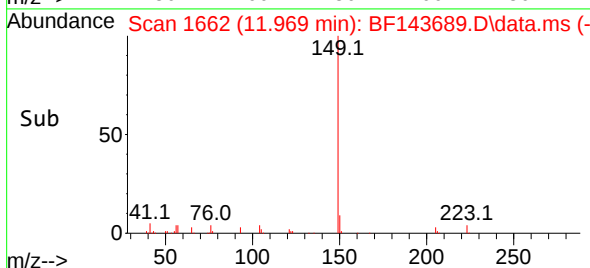
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

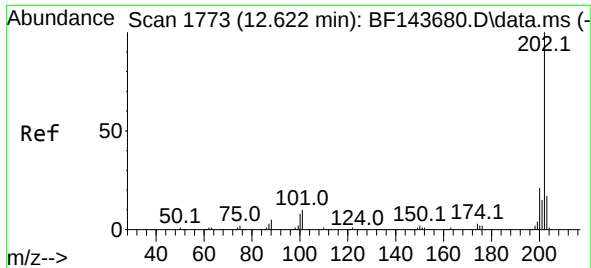


#74
 Di-n-butylphthalate
 Concen: 8.641 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. -0.000 min
 Lab File: BF143689.D
 Acq: 09 Sep 2025 17:28



Tgt Ion:149 Resp: 83323
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 3.9 3.3 4.9





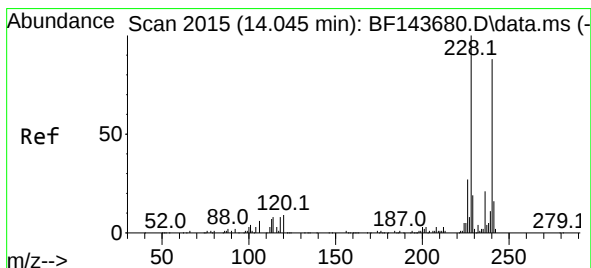
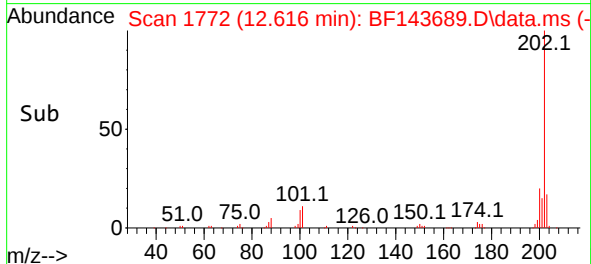
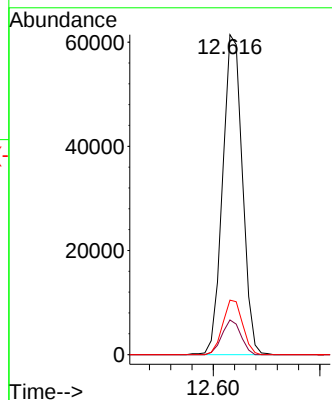
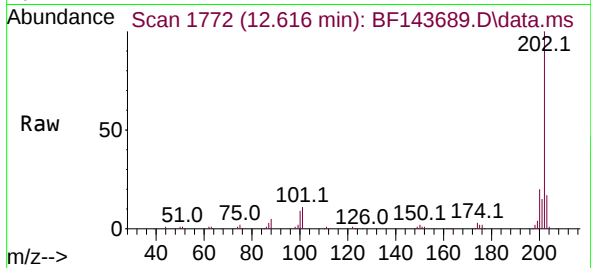
#75
Fluoranthene
Concen: 8.878 ng
RT: 12.616 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

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

Tgt Ion:202 Resp: 79263
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.5
203 17.0 0.0 37.1

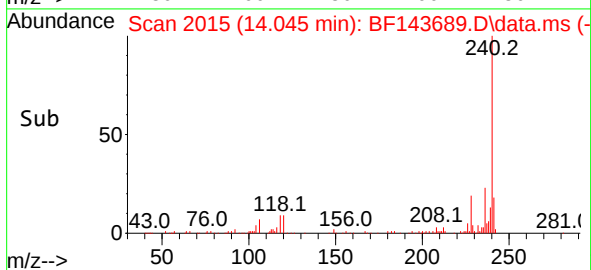
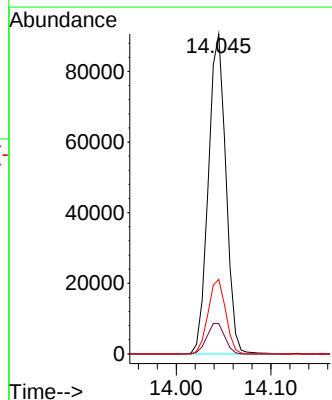
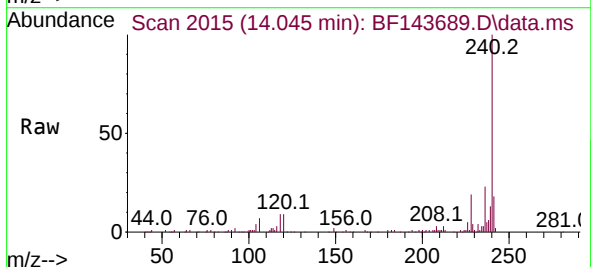
Manual Integrations
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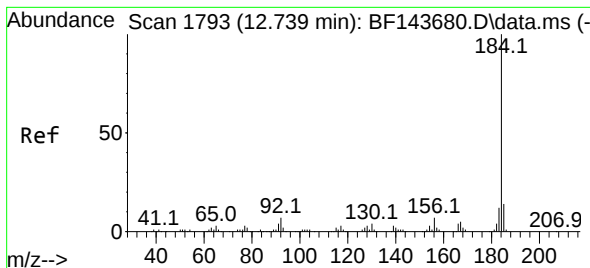
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

Tgt Ion:240 Resp: 116820
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 23.3 18.6 28.0





#77

Benzidine

Concen: 8.243 ng

RT: 12.739 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143689.D

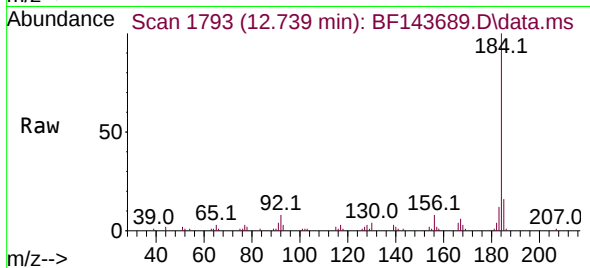
Acq: 09 Sep 2025 17:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



Tgt Ion:184 Resp: 31400

Ion Ratio Lower Upper

184 100

185 16.5 11.5 17.3

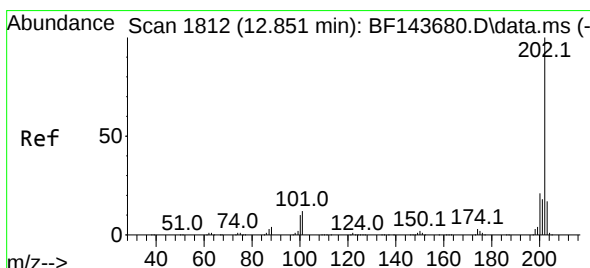
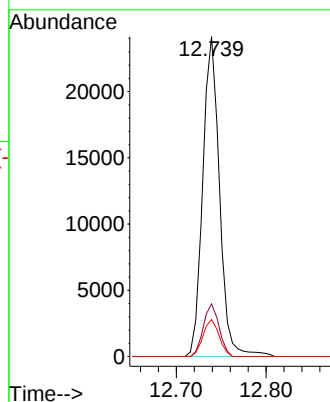
183 11.6 9.4 14.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#78

Pyrene

Concen: 8.392 ng

RT: 12.845 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF143689.D

Acq: 09 Sep 2025 17:28

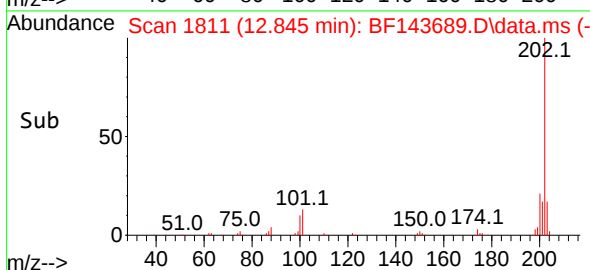
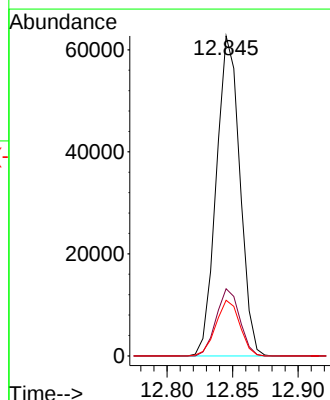
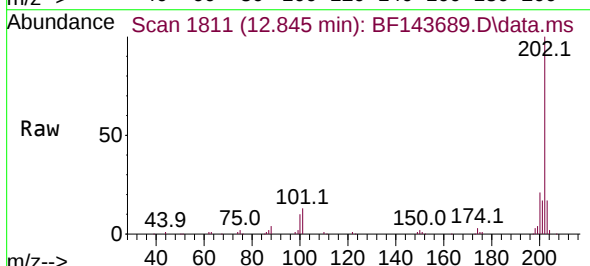
Tgt Ion:202 Resp: 78381

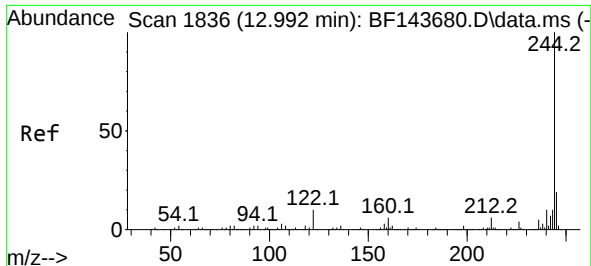
Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

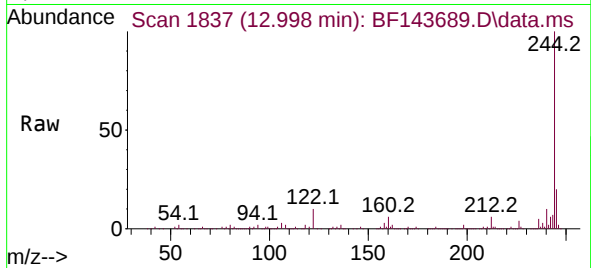
203 17.4 13.5 20.3





#79
 Terphenyl-d14
 Concen: 98.823 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.006 min
 Lab File: BF143689.D
 Acq: 09 Sep 2025 17:28

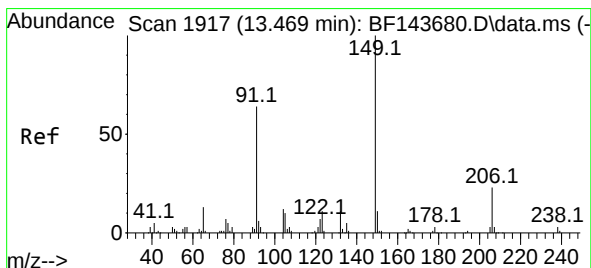
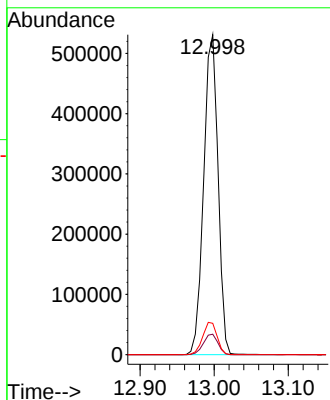
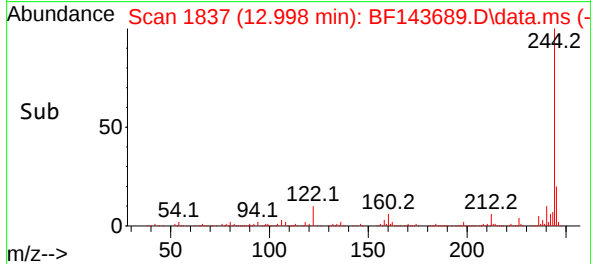
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025



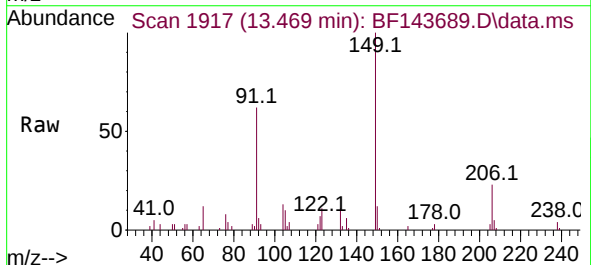
Tgt Ion:244 Resp: 712393
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.6
 122 9.8 7.9 11.9

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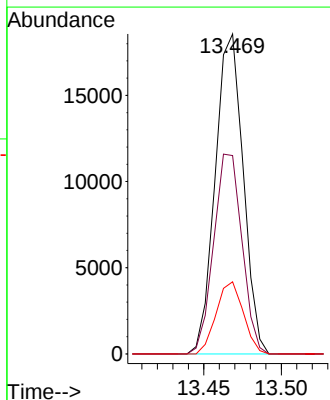
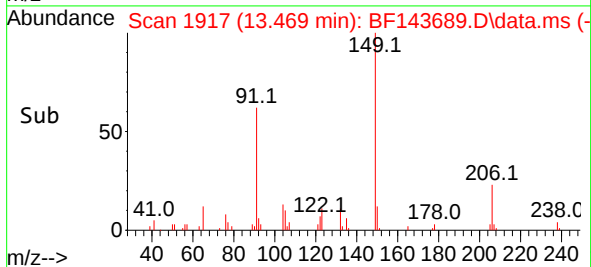
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

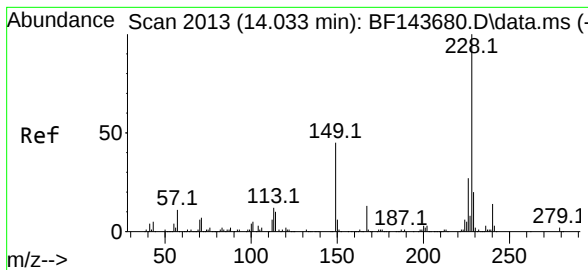


#80
 Butylbenzylphthalate
 Concen: 7.978 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. -0.000 min
 Lab File: BF143689.D
 Acq: 09 Sep 2025 17:28



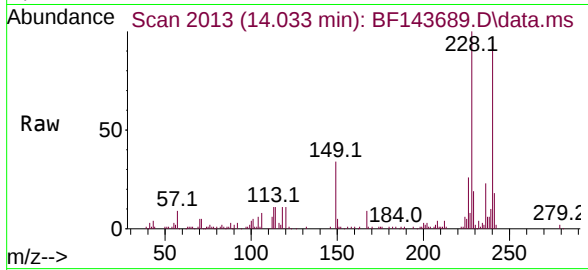
Tgt Ion:149 Resp: 23346
 Ion Ratio Lower Upper
 149 100
 91 62.0 50.9 76.3
 206 22.5 18.2 27.2





#81
Benzo(a)anthracene
Concen: 8.575 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

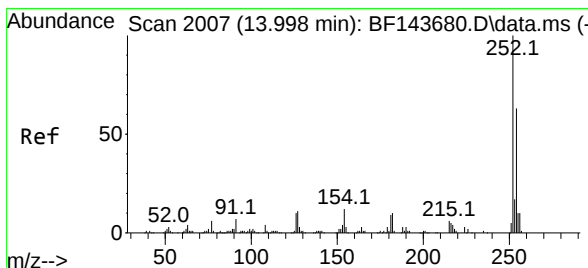
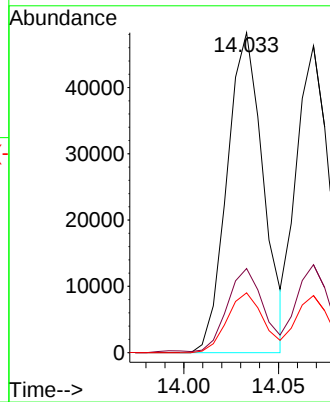
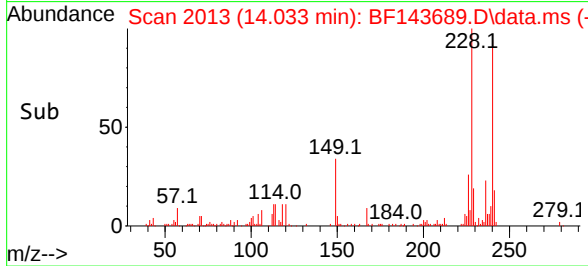
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



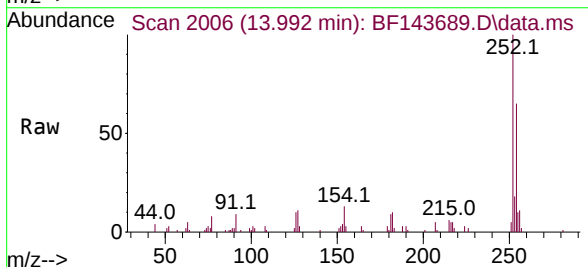
Tgt Ion:228 Resp: 64442
Ion Ratio Lower Upper
228 100
226 26.3 21.6 32.4
229 18.7 15.7 23.5

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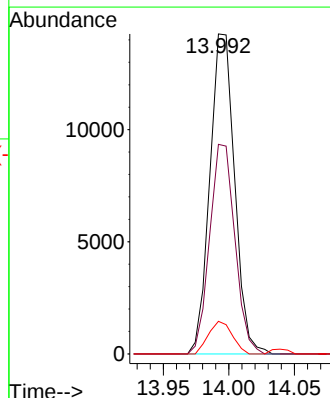
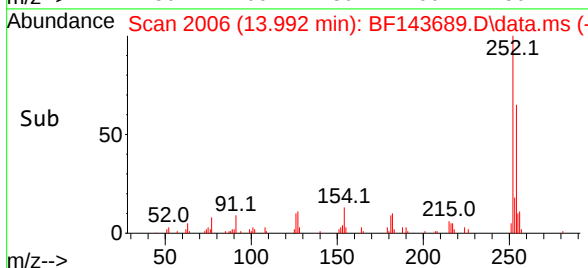
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

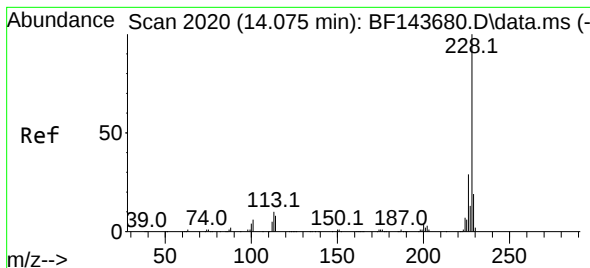


#82
3,3'-Dichlorobenzidine
Concen: 8.109 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28



Tgt Ion:252 Resp: 18749
Ion Ratio Lower Upper
252 100
254 65.5 50.5 75.7
126 10.2 8.2 12.4





#83

Chrysene

Concen: 8.119 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF143689.D

Acq: 09 Sep 2025 17:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

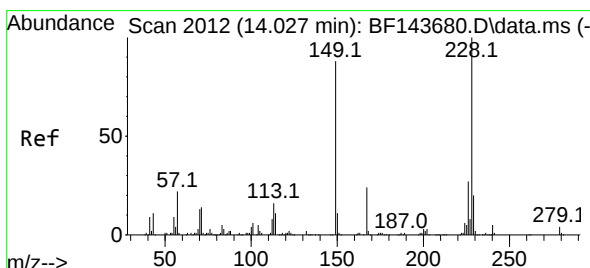
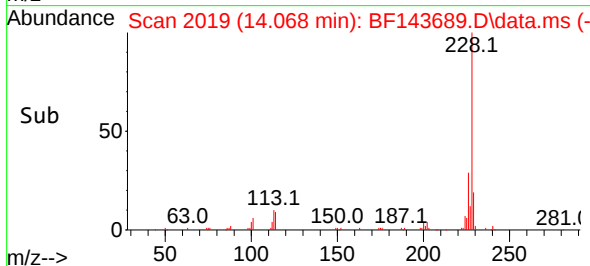
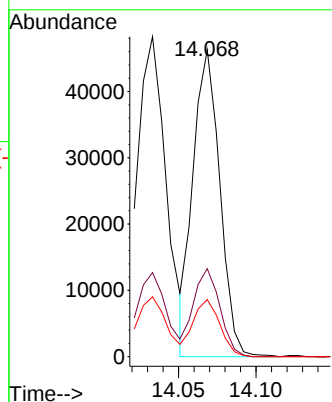
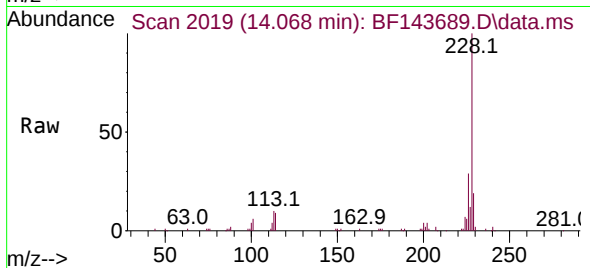
Tgt Ion:228	Resp: 55886
Ion Ratio	Lower Upper
228 100	
226 28.7	22.7 34.1
229 18.6	15.1 22.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.483 ng

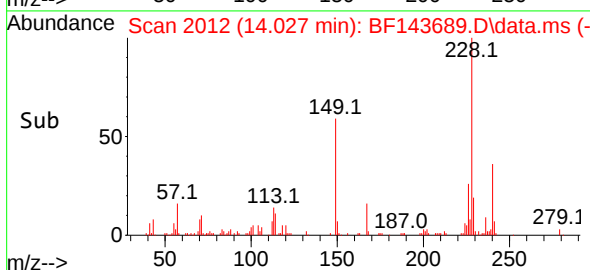
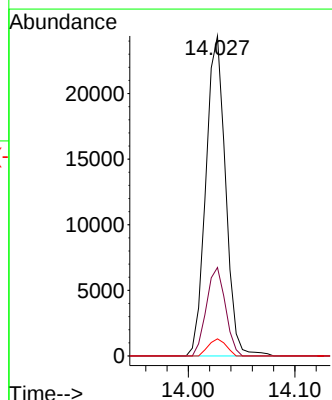
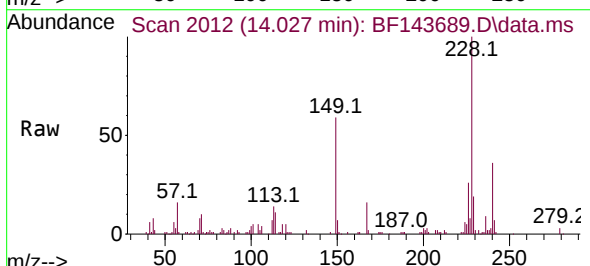
RT: 14.027 min Scan# 2012

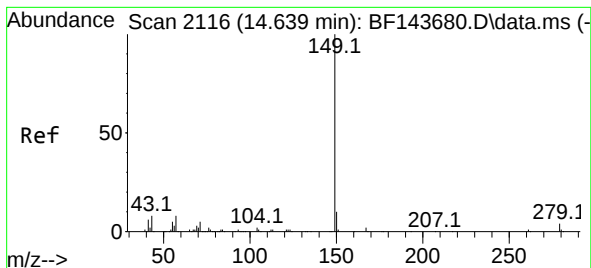
Delta R.T. -0.000 min

Lab File: BF143689.D

Acq: 09 Sep 2025 17:28

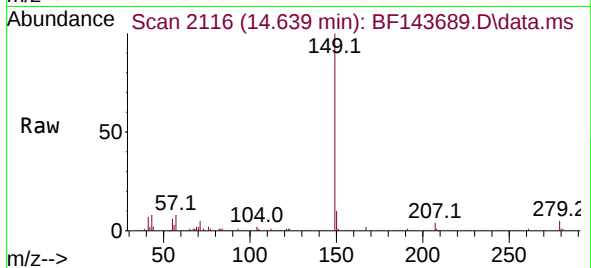
Tgt Ion:149	Resp: 31246
Ion Ratio	Lower Upper
149 100	
167 27.6	22.2 33.2
279 5.3	3.5 5.3#





#85
Di-n-octyl phthalate
Concen: 6.217 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

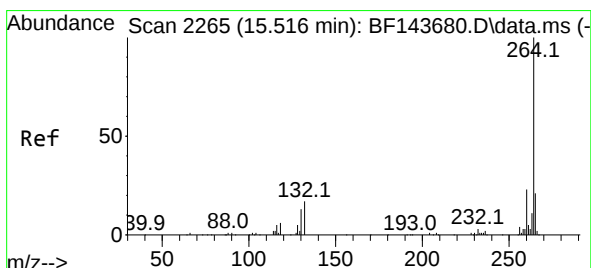
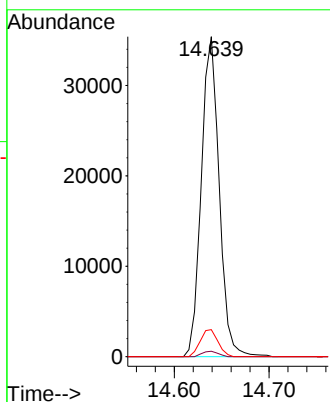
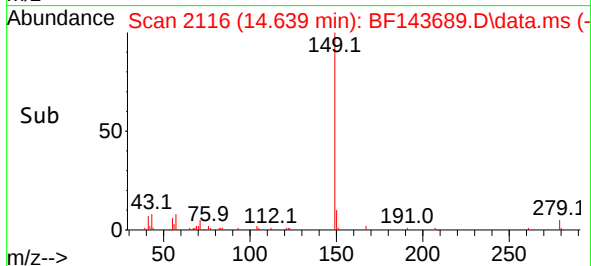
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



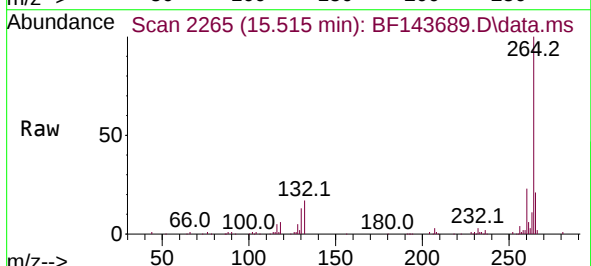
Tgt Ion:149 Resp: 46517
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.4 6.2 9.2

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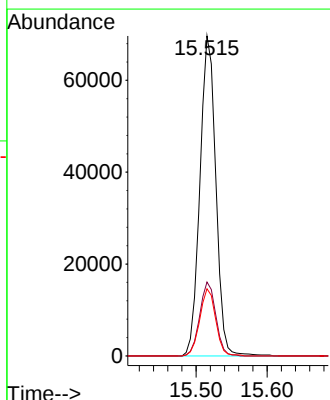
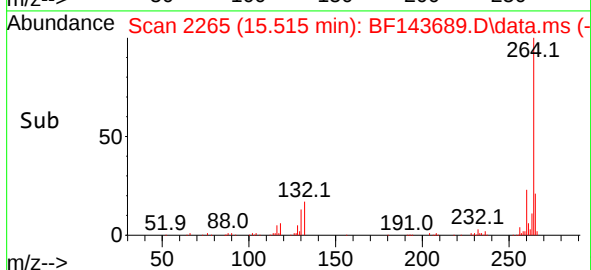
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

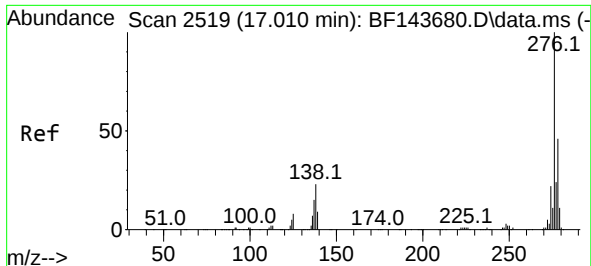


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28



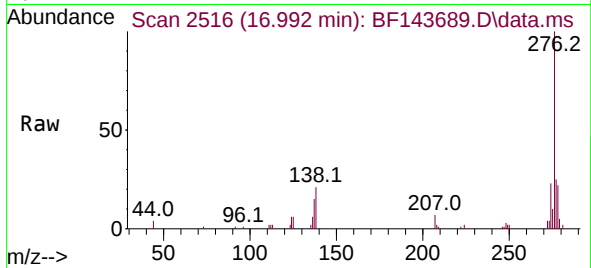
Tgt Ion:264 Resp: 107947
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 21.0 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 7.129 ng
RT: 16.992 min Scan# 211
Delta R.T. -0.018 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

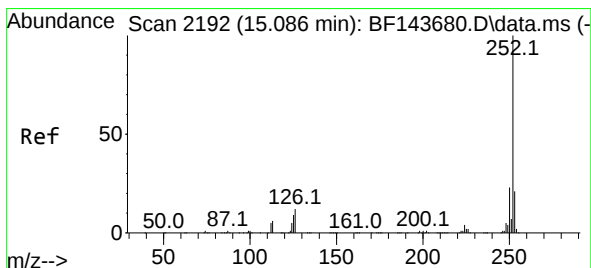
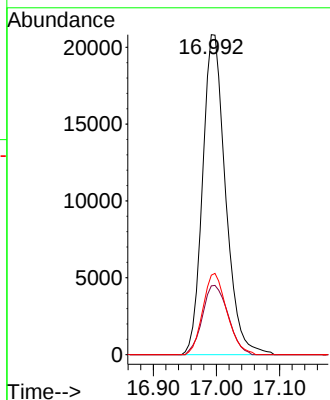
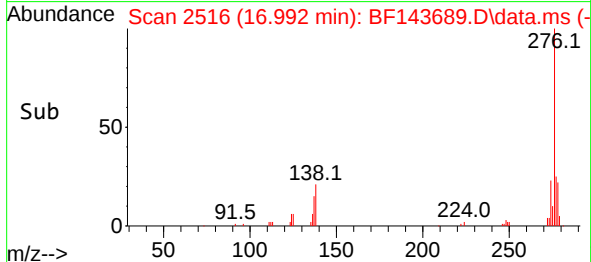
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



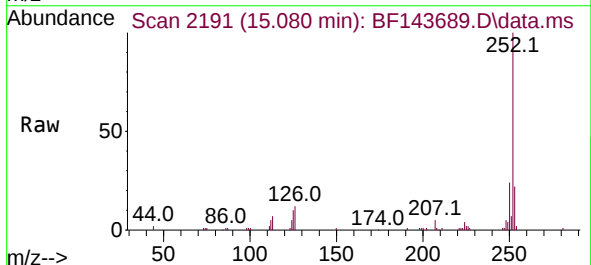
Tgt Ion: 276 Resp: 5252
Ion Ratio Lower Upper
276 100
138 24.2 19.7 29.5
277 26.5 20.2 30.2

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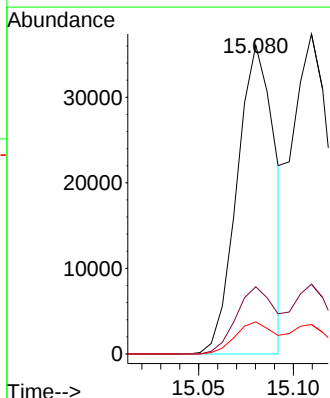
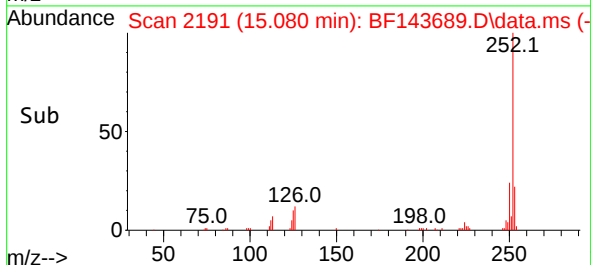
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

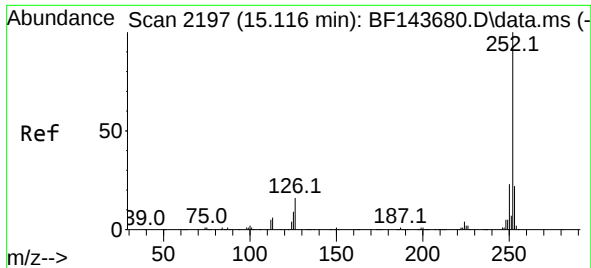


#88
Benzo(b)fluoranthene
Concen: 7.748 ng
RT: 15.080 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28



Tgt Ion: 252 Resp: 49790
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 10.4 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 7.911 ng

RT: 15.110 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF143689.D

Acq: 09 Sep 2025 17:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

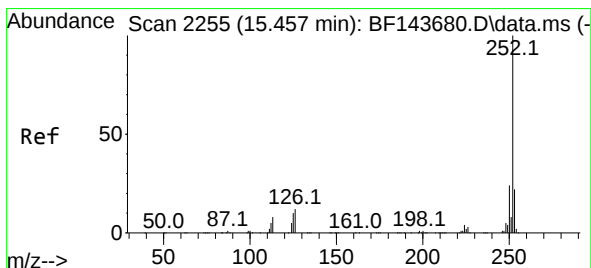
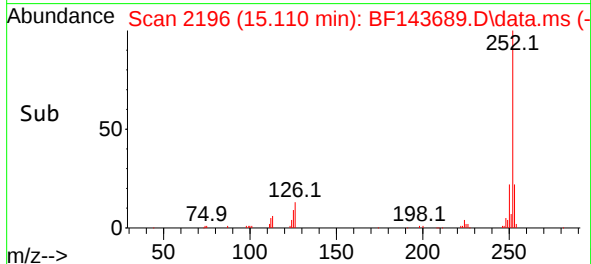
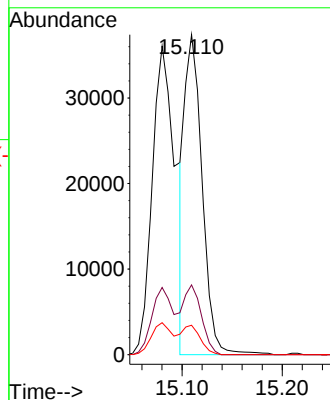
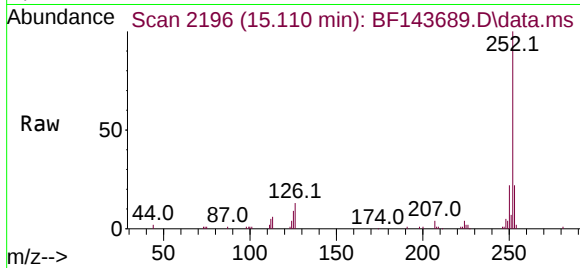
Tgt Ion:252 Resp: 45872
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.3 25.9
 125 9.2 7.3 10.9

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Supervised By :Jagrut Upadhyay 09/10/2025



#90

Benzo(a)pyrene

Concen: 8.569 ng

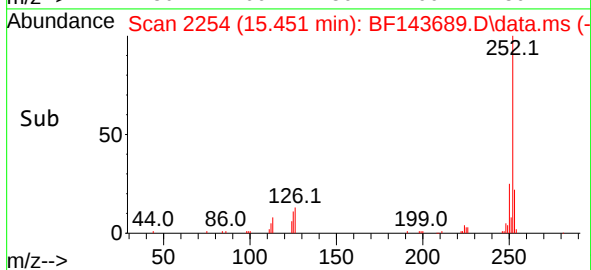
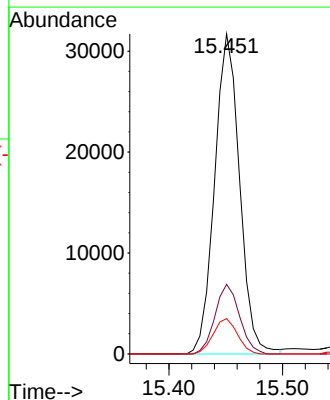
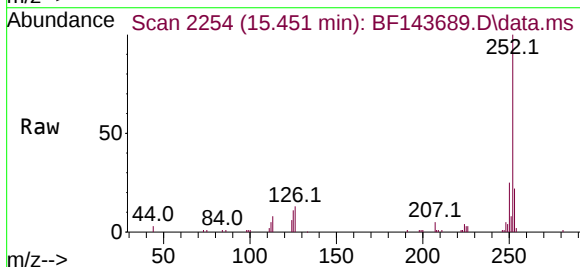
RT: 15.451 min Scan# 2254

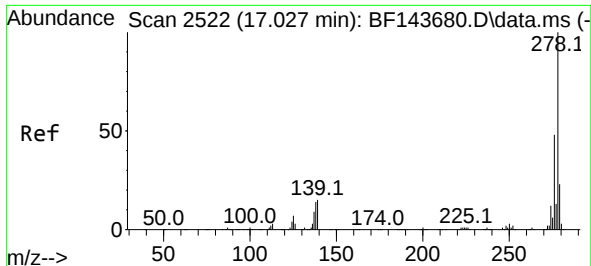
Delta R.T. -0.006 min

Lab File: BF143689.D

Acq: 09 Sep 2025 17:28

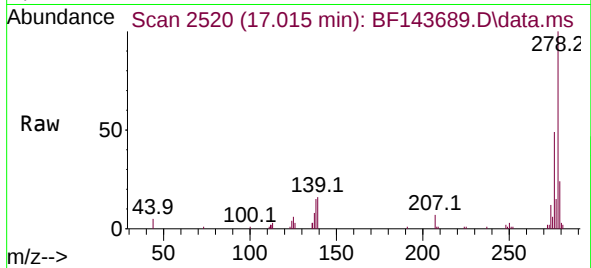
Tgt Ion:252 Resp: 48376
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.4 26.0
 125 11.0 8.2 12.4





#91
Dibenzo(a,h)anthracene
Concen: 7.045 ng
RT: 17.015 min Scan# 2520
Delta R.T. -0.012 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28

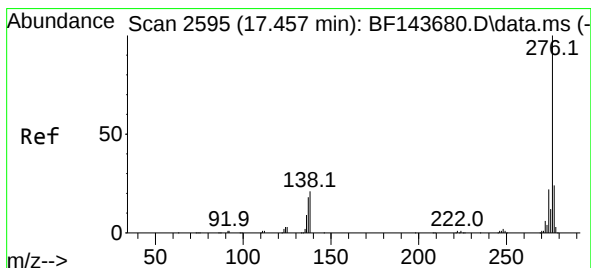
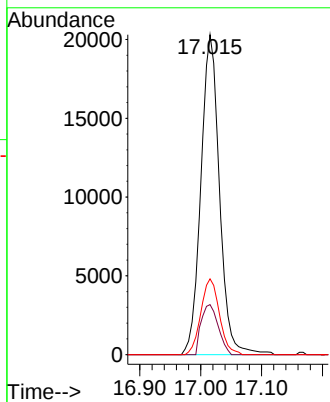
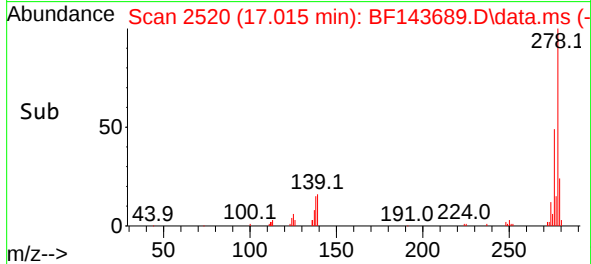
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



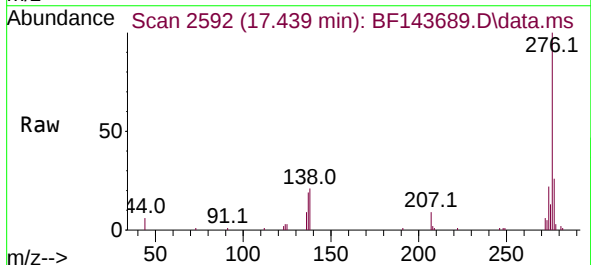
Tgt Ion:278 Resp: 43063
Ion Ratio Lower Upper
278 100
139 15.7 12.2 18.4
279 23.7 18.7 28.1

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



#92
Benzo(g,h,i)perylene
Concen: 7.295 ng
RT: 17.439 min Scan# 2592
Delta R.T. -0.018 min
Lab File: BF143689.D
Acq: 09 Sep 2025 17:28



Tgt Ion:276 Resp: 41707
Ion Ratio Lower Upper
276 100
277 25.6 19.2 28.8
138 21.4 17.0 25.4

