

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

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

Quant Time: Sep 04 17:16:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 03 18:35:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	75512	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	289726	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	166088	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	281702	20.000	ng	0.00
76) Chrysene-d12	14.045	240	201053	20.000	ng	0.00
86) Perylene-d12	15.521	264	170876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	525867	123.372	ng	0.00
7) Phenol-d6	6.510	99	660959	124.937	ng	0.00
23) Nitrobenzene-d5	7.451	82	408645	99.132	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	206402	148.611	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	894345	86.030	ng	0.00
79) Terphenyl-d14	12.998	244	1015504	84.160	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	15316	7.616	ng	98
3) Pyridine	3.475	79	38153	7.161	ng	97
4) n-Nitrosodimethylamine	3.369	42	16260	7.348	ng	97
6) Aniline	6.551	93	56865	7.722	ng	99
8) 2-Chlorophenol	6.675	128	35997	8.155	ng	91
9) Benzaldehyde	6.439	77	30850	7.848	ng	97
10) Phenol	6.522	94	45181	7.790	ng	# 81
11) bis(2-Chloroethyl)ether	6.622	93	34320	7.555	ng	97
12) 1,3-Dichlorobenzene	6.834	146	43675	8.017	ng	97
13) 1,4-Dichlorobenzene	6.910	146	44012	8.055	ng	98
14) 1,2-Dichlorobenzene	7.057	146	41291	7.985	ng	100
15) Benzyl Alcohol	7.022	79	31043	7.722	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	51827	7.249	ng	100
17) 2-Methylphenol	7.128	107	29429	7.625	ng	98
18) Hexachloroethane	7.404	117	13944	8.180	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	26648	7.910	ng	98
20) 3+4-Methylphenols	7.281	107	38784	7.983	ng	92
22) Acetophenone	7.292	105	53988	8.240	ng	# 96
24) Nitrobenzene	7.469	77	39431	8.946	ng	99
25) Isophorone	7.704	82	69827	7.517	ng	99
26) 2-Nitrophenol	7.781	139	14232	11.603	ng	97
27) 2,4-Dimethylphenol	7.810	122	35348	8.740	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	44469	7.831	ng	99
29) 2,4-Dichlorophenol	8.016	162	31723	7.993	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	36178	8.365	ng	99
31) Naphthalene	8.192	128	110737	7.814	ng	99
32) Benzoic acid	7.857	122	11224	11.372	ng	97
33) 4-Chloroaniline	8.233	127	43996	8.966	ng	99
34) Hexachlorobutadiene	8.310	225	22246	7.907	ng	95
35) Caprolactam	8.563	113	8084	7.601	ng	94
36) 4-Chloro-3-methylphenol	8.704	107	32192	7.746	ng	99
37) 2-Methylnaphthalene	8.880	142	68361	7.132	ng	100
38) 1-Methylnaphthalene	8.980	142	71820	7.837	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	36867	8.032	ng	99
41) Hexachlorocyclopentadiene	9.033	237	21581	9.682	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	23105	8.170	ng	99

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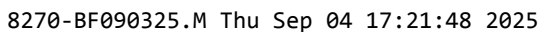
Instrument :
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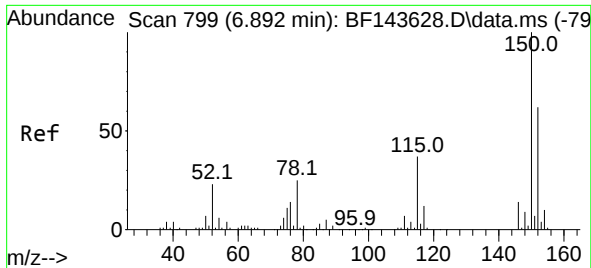
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 03 18:35:49 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	24397	8.356	ng	99
46) 1,1'-Biphenyl	9.345	154	96135	8.139	ng	99
47) 2-Chloronaphthalene	9.369	162	72317	7.823	ng	98
48) 2-Nitroaniline	9.457	65	17594	9.727	ng	95
49) Acenaphthylene	9.786	152	118334	8.882	ng	99
50) Dimethylphthalate	9.639	163	86143	8.191	ng	100
51) 2,6-Dinitrotoluene	9.698	165	15991	11.491	ng	99
52) Acenaphthene	9.957	154	69643	7.815	ng	99
53) 3-Nitroaniline	9.863	138	17581	10.791	ng	100
54) 2,4-Dinitrophenol	9.969	184	3827	12.475	ng #	45
55) Dibenzofuran	10.127	168	104736	8.090	ng	98
56) 4-Nitrophenol	10.010	139	12695	8.141	ng	95
57) 2,4-Dinitrotoluene	10.098	165	19757	10.884	ng	98
58) Fluorene	10.469	166	83208	8.309	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	20729	9.349	ng	91
60) Diethylphthalate	10.339	149	81104	8.123	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	40356	8.076	ng	98
62) 4-Nitroaniline	10.475	138	15029	9.659	ng	96
63) Azobenzene	10.627	77	76430	8.121	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	6521	13.024	ng	97
66) n-Nitrosodiphenylamine	10.580	169	70236	7.725	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	25412	7.778	ng	96
68) Hexachlorobenzene	11.016	284	26344	7.676	ng	99
69) Atrazine	11.104	200	21707	7.986	ng	97
70) Pentachlorophenol	11.210	266	14023	7.274	ng	97
71) Phenanthrene	11.433	178	120917	7.938	ng	98
72) Anthracene	11.486	178	121768	7.970	ng	99
73) Carbazole	11.633	167	105734	8.211	ng	99
74) Di-n-butylphthalate	11.969	149	117672	8.139	ng	100
75) Fluoranthene	12.621	202	119026	8.508	ng	99
77) Benzidine	12.739	184	54320	11.809	ng	97
78) Pyrene	12.851	202	119341	7.193	ng	99
80) Butylbenzylphthalate	13.468	149	32883	9.093	ng	99
81) Benzo(a)anthracene	14.033	228	95667	7.346	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	28431	8.009	ng	99
83) Chrysene	14.068	228	90935	7.768	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	45822	8.700	ng	98
85) Di-n-octyl phthalate	14.639	149	65894	5.524	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	83162	6.981	ng	100
88) Benzo(b)fluoranthene	15.086	252	73659	7.155	ng	98
89) Benzo(k)fluoranthene	15.115	252	75889	8.524	ng	98
90) Benzo(a)pyrene	15.457	252	70737	7.993	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	70063	7.151	ng	99
92) Benzo(g,h,i)perylene	17.451	276	66612	7.058	ng	100

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

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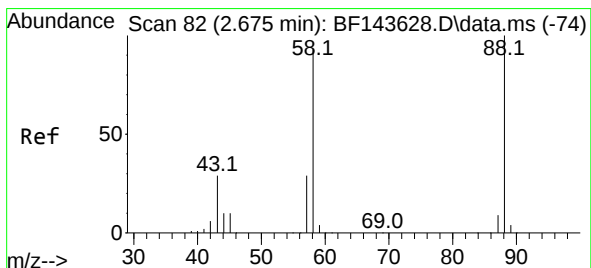
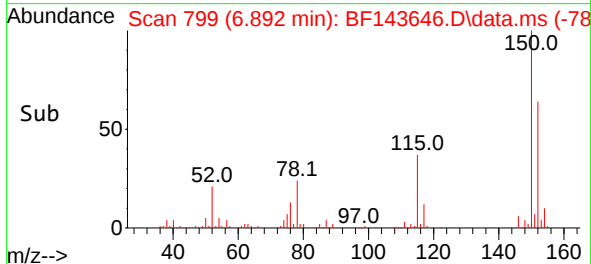
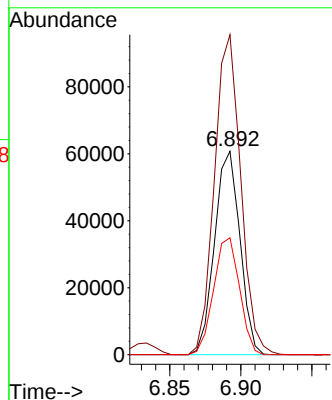
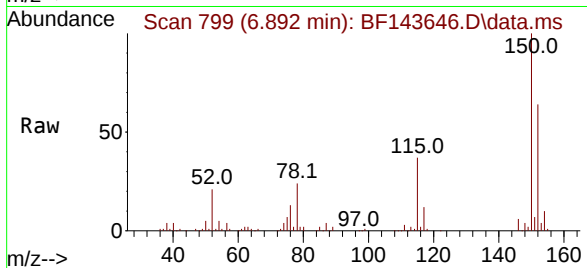




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: BF143646.D
 Acq: 04 Sep 2025 16:12

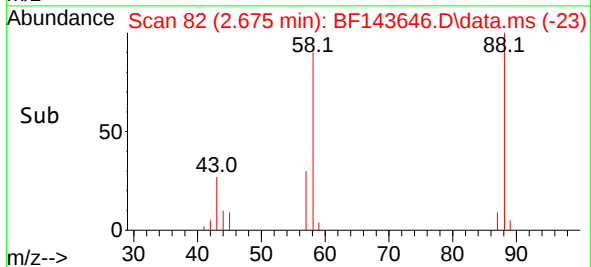
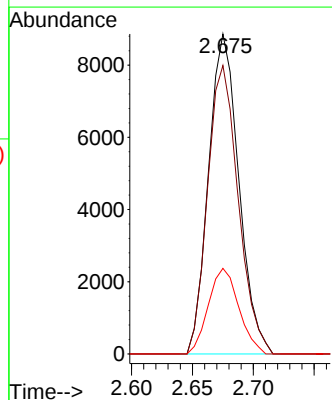
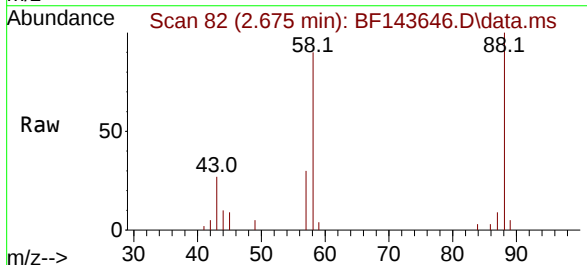
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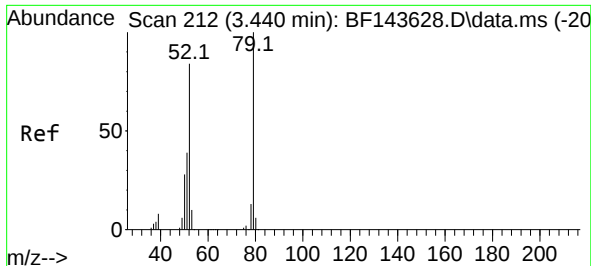
Tgt Ion:152 Resp: 75512
 Ion Ratio Lower Upper
 152 100
 150 157.3 128.4 192.6
 115 57.5 47.9 71.9



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

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

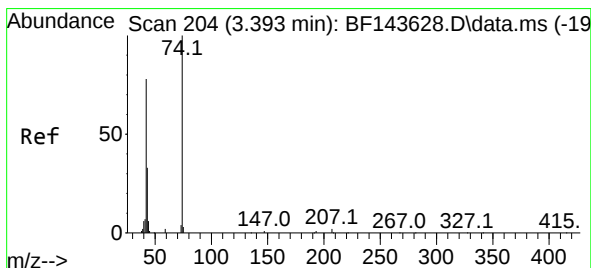
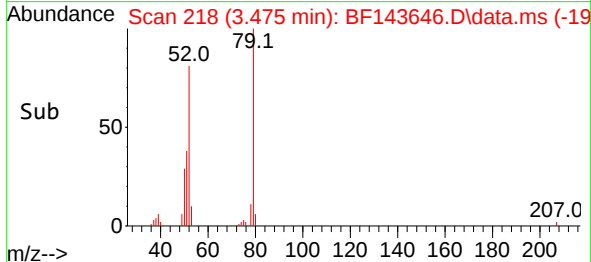
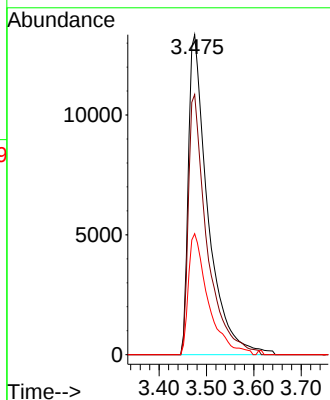
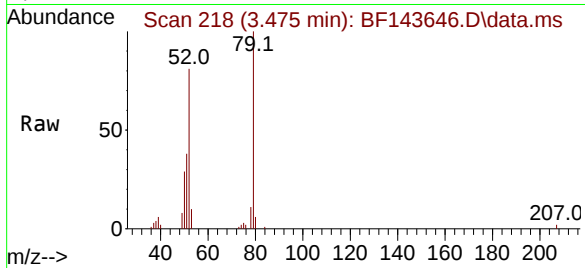




#3
 Pyridine
 Concen: 7.161 ng
 RT: 3.475 min Scan# 21
 Delta R.T. 0.035 min
 Lab File: BF143646.D
 Acq: 04 Sep 2025 16:12

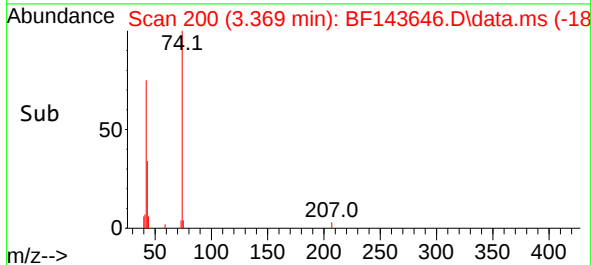
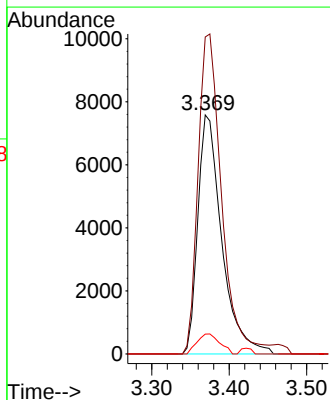
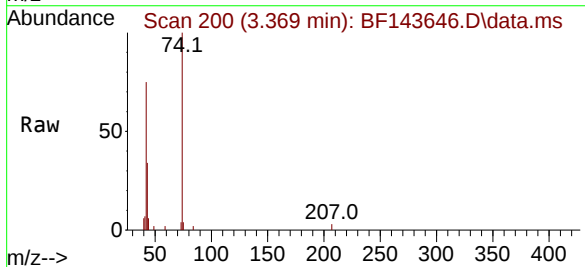
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

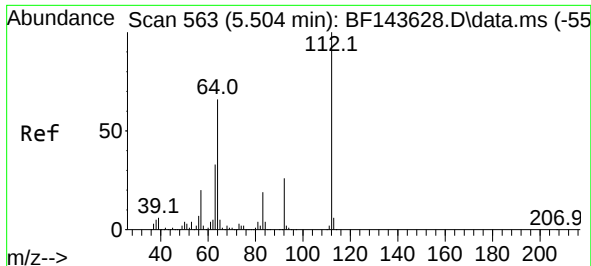
Tgt Ion: 79 Resp: 38153
 Ion Ratio Lower Upper
 79 100
 52 81.3 67.4 101.2
 51 37.8 31.0 46.6



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

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

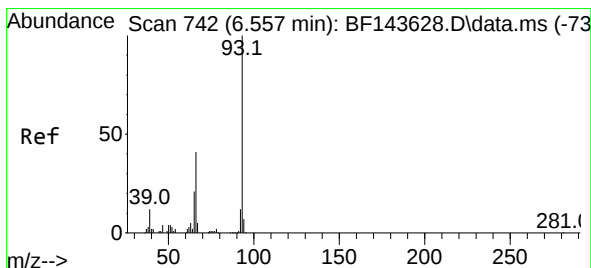
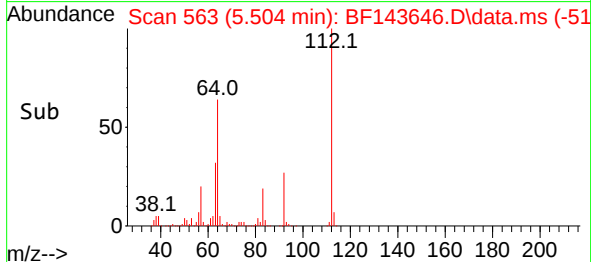
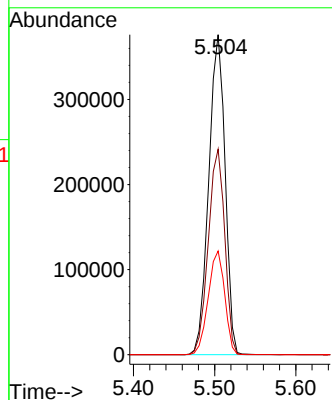
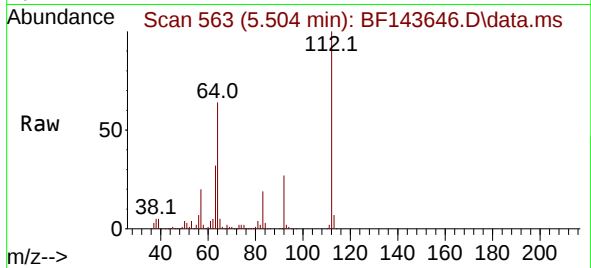




#5
2-Fluorophenol
Concen: 123.372 ng
RT: 5.504 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

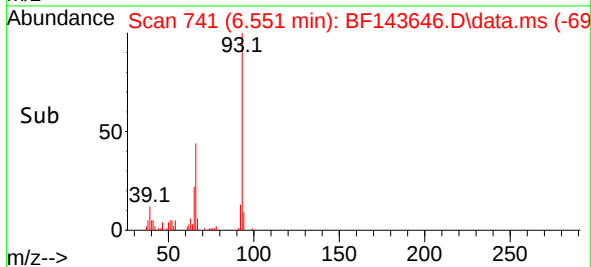
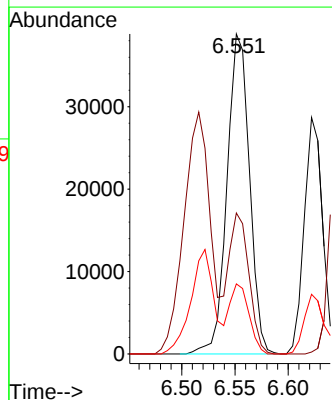
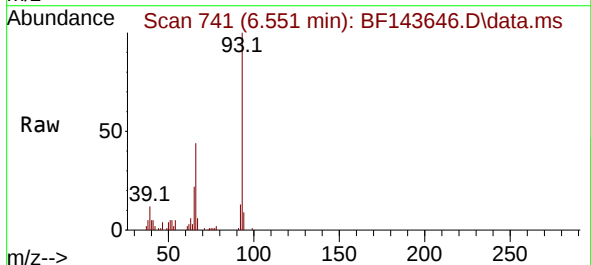
Instrument :
BNA_F
ClientSampleId :
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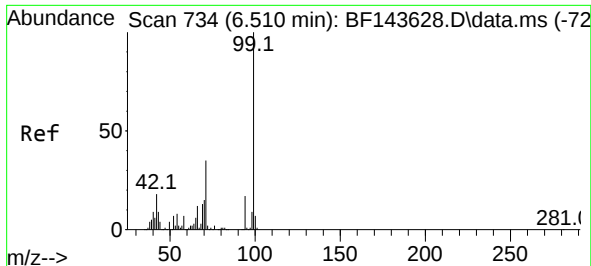
Tgt Ion:112 Resp: 525867
Ion Ratio Lower Upper
112 100
64 64.2 52.7 79.1
63 32.4 26.5 39.7



#6
Aniline
Concen: 7.722 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Tgt Ion: 93 Resp: 56865
Ion Ratio Lower Upper
93 100
66 44.0 34.6 51.8
65 21.9 16.9 25.3

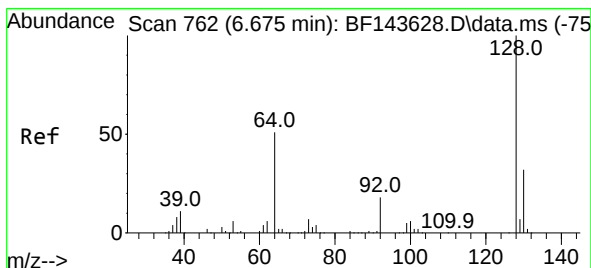
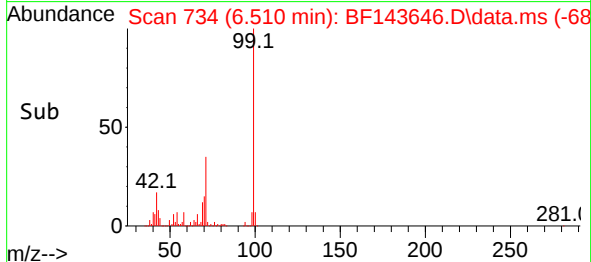
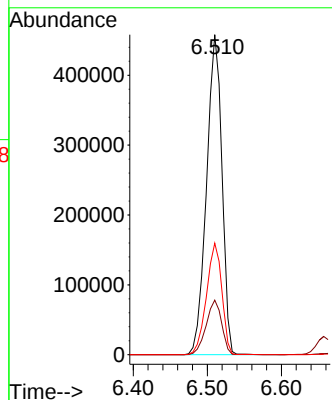
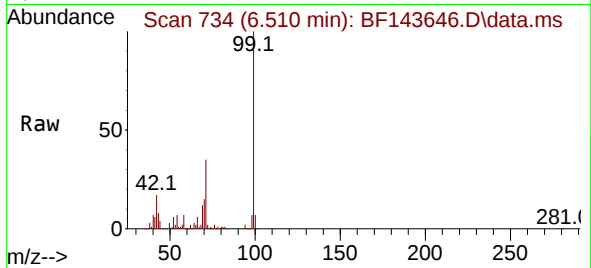




#7
Phenol-d6
Concen: 124.937 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

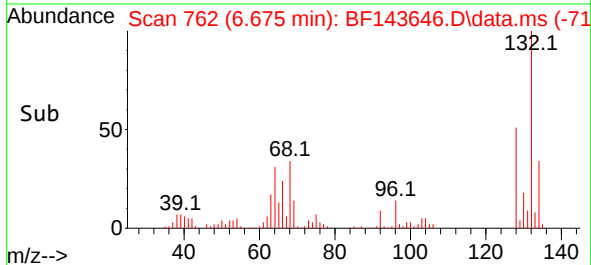
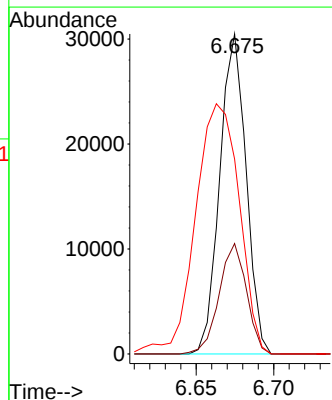
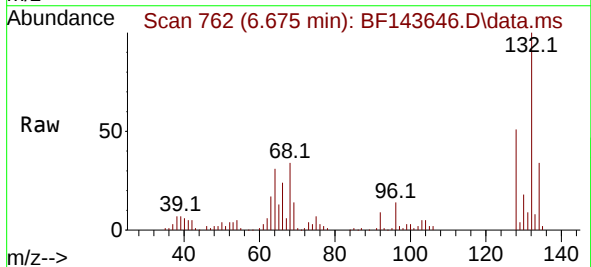
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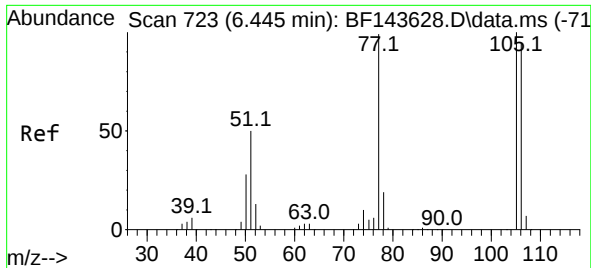
Tgt Ion: 99 Resp: 660959
Ion Ratio Lower Upper
99 100
42 17.0 14.6 22.0
71 34.9 28.0 42.0



#8
2-Chlorophenol
Concen: 8.155 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF143646.D
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Tgt Ion:128 Resp: 35997
Ion Ratio Lower Upper
128 100
130 34.5 12.3 52.3
64 60.9 32.9 72.9

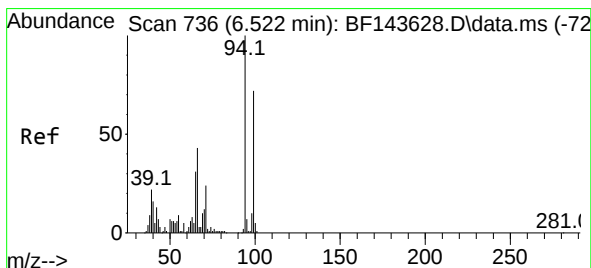
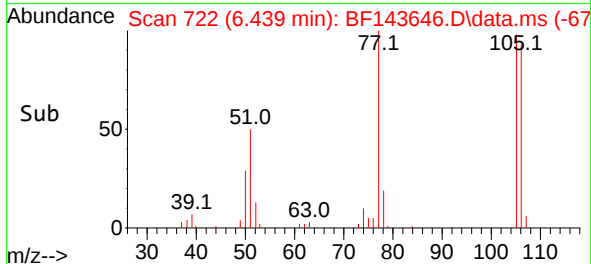
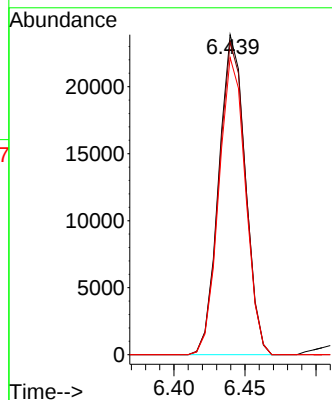
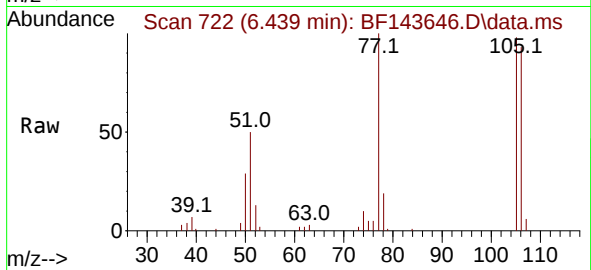




#9
Benzaldehyde
Concen: 7.848 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143646.D
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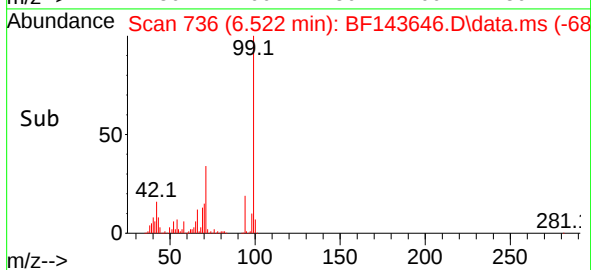
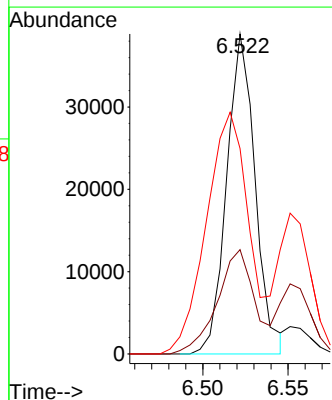
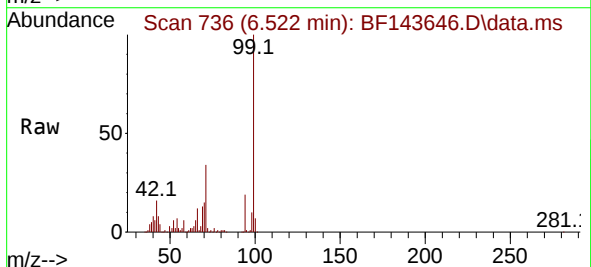
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Tgt Ion: 77 Resp: 30850
Ion Ratio Lower Upper
77 100
105 97.7 80.9 120.9
106 92.9 75.1 115.1



#10
Phenol
Concen: 7.790 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF143646.D
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Tgt Ion: 94 Resp: 45181
Ion Ratio Lower Upper
94 100
65 32.6 11.4 51.4
66 64.2 23.7 63.7#

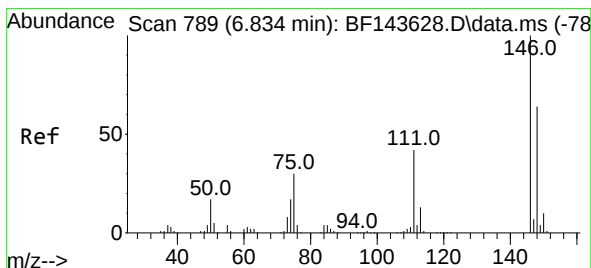
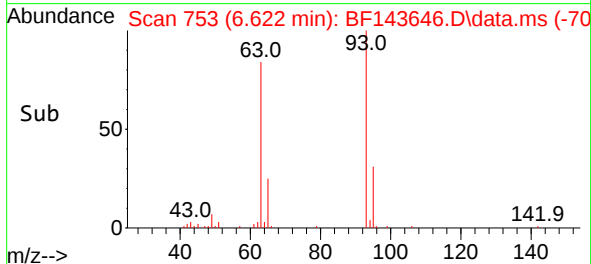
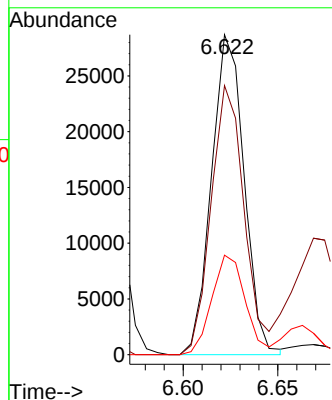
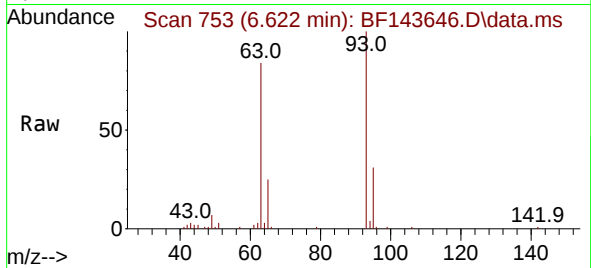




#11
bis(2-Chloroethyl)ether
Concen: 7.555 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

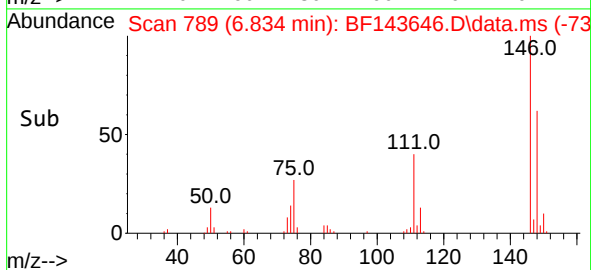
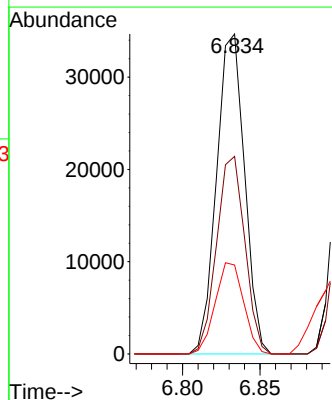
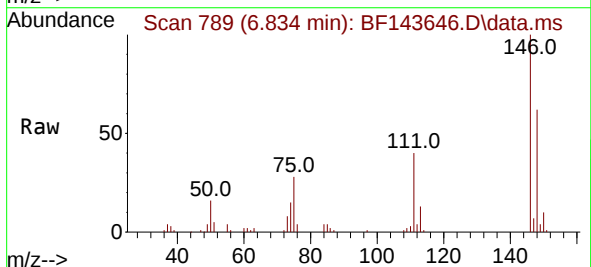
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

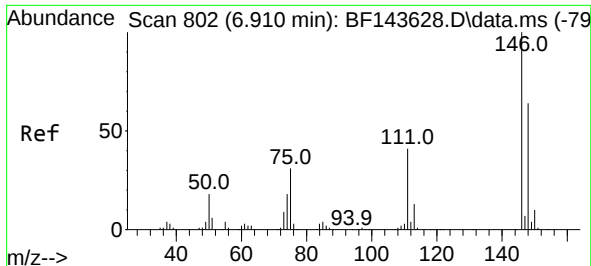
Tgt Ion: 93 Resp: 34320
Ion Ratio Lower Upper
93 100
63 84.1 66.5 106.5
95 31.1 12.7 52.7



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

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





#13

1,4-Dichlorobenzene

Concen: 8.055 ng

RT: 6.910 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

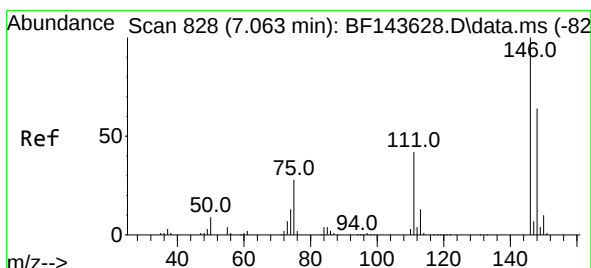
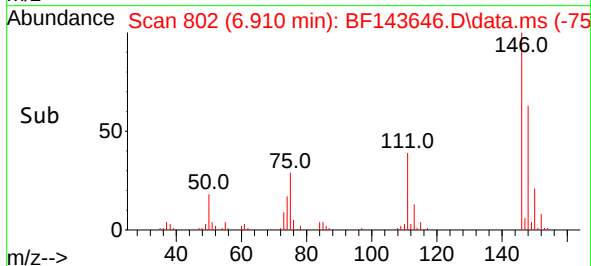
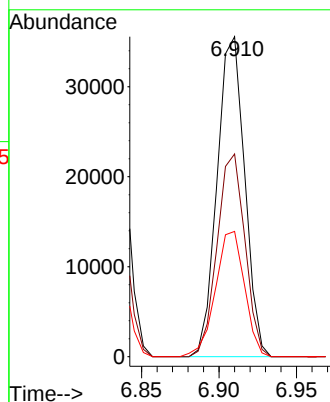
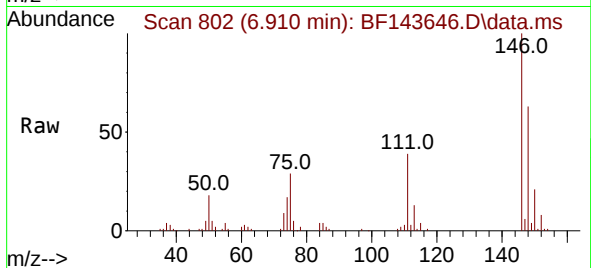
Tgt Ion:146 Resp: 44012

Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

111 39.1 33.1 49.7



#14

1,2-Dichlorobenzene

Concen: 7.985 ng

RT: 7.057 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

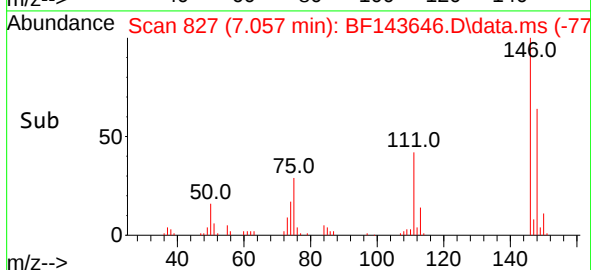
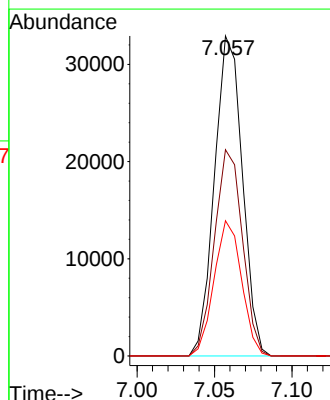
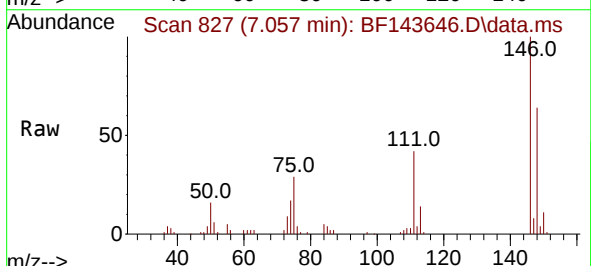
Tgt Ion:146 Resp: 41291

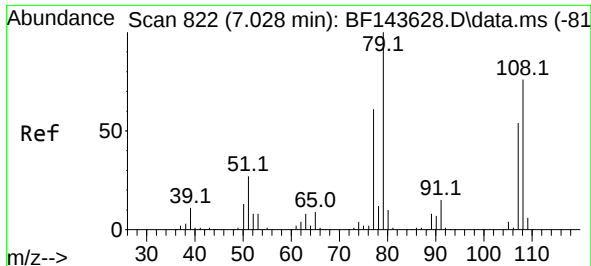
Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

111 42.3 33.9 50.9



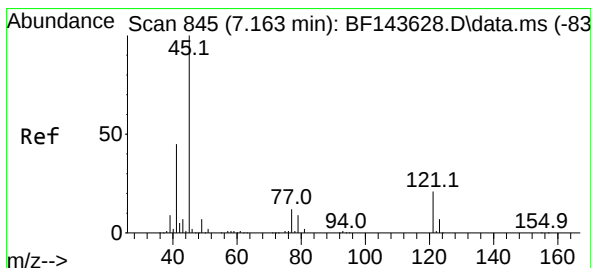
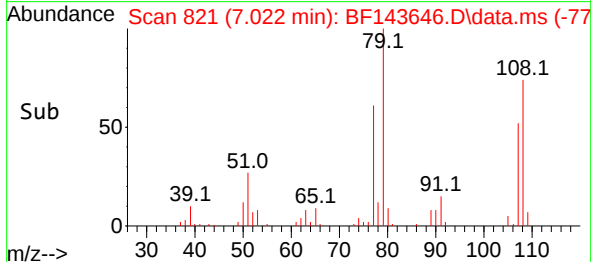
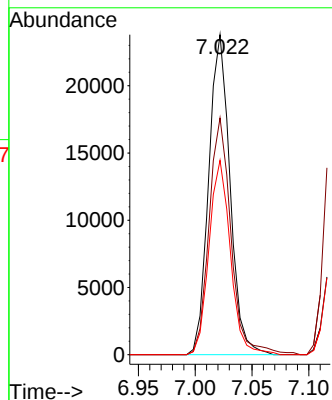
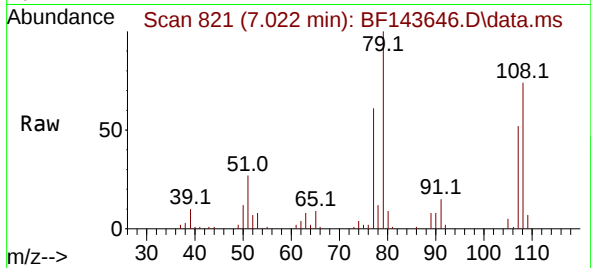


#15
Benzyl Alcohol
Concen: 7.722 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

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

Tgt Ion: 79 Resp: 31043

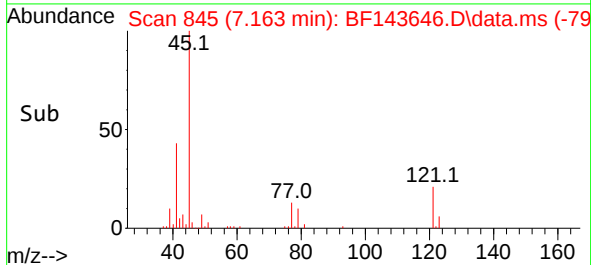
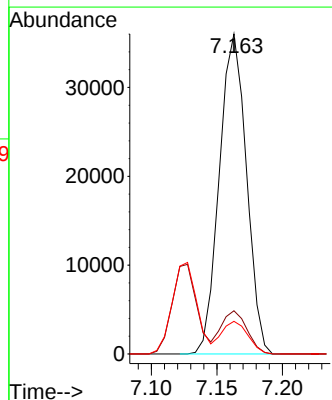
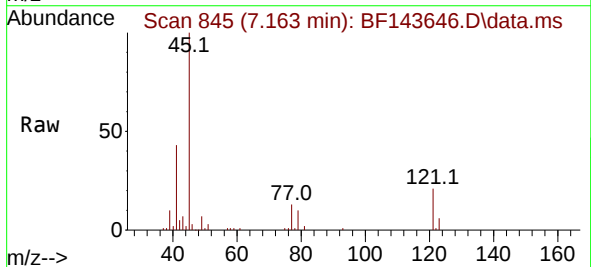
Ion	Ratio	Lower	Upper
79	100		
108	74.0	60.9	91.3
77	60.7	48.4	72.6

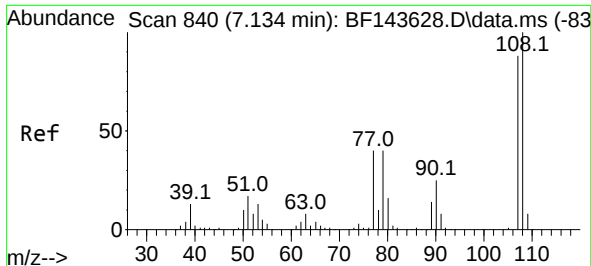


#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.249 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Tgt Ion: 45 Resp: 51827

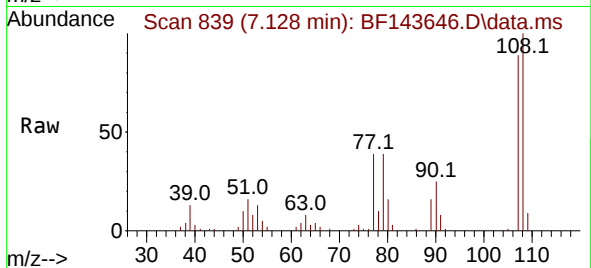
Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	33.5
79	10.2	0.0	29.8



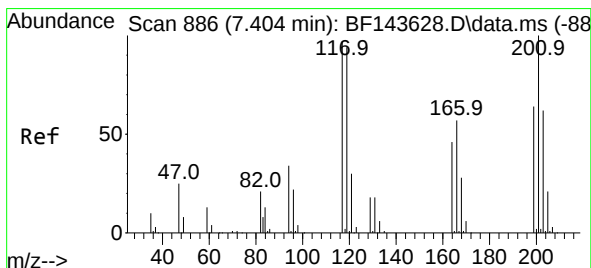
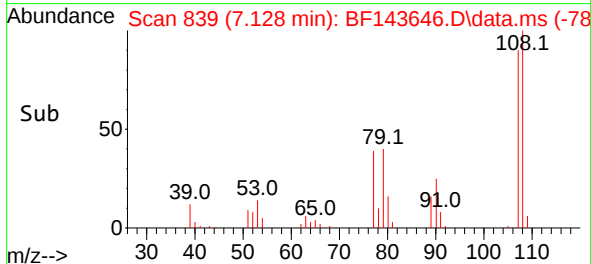
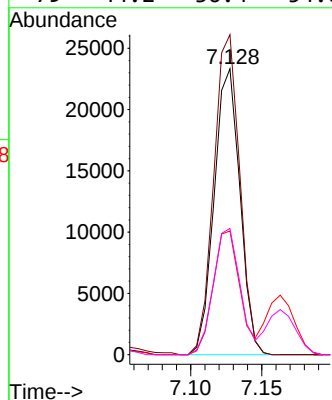


#17
2-Methylphenol
Concen: 7.625 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

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

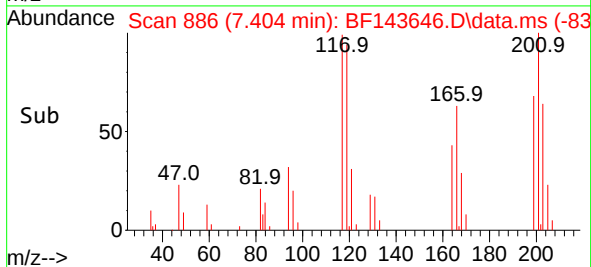
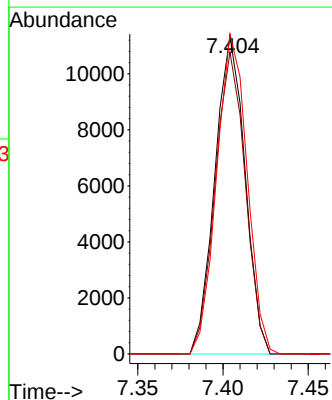
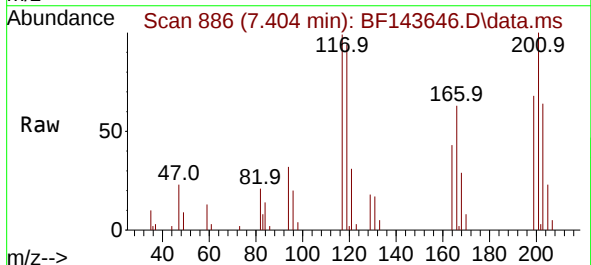


Tgt Ion:	107	Resp:	29429
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.5	135.7
77	43.3	35.9	53.9
79	44.2	36.4	54.6



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

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

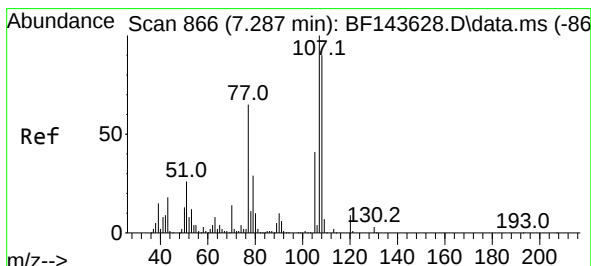
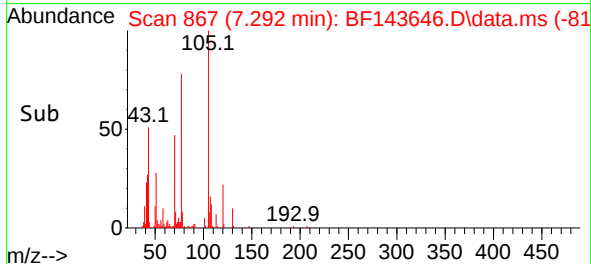
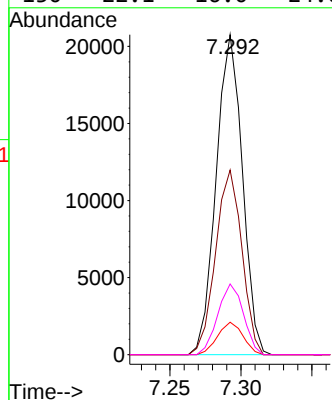
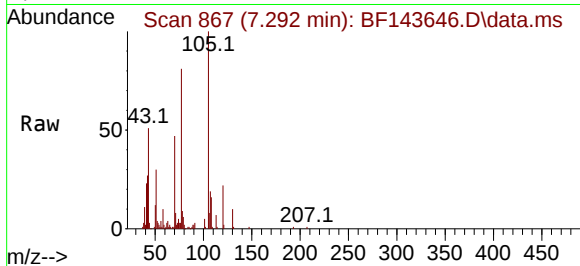




#19
n-Nitroso-di-n-propylamine
Concen: 7.910 ng
RT: 7.292 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

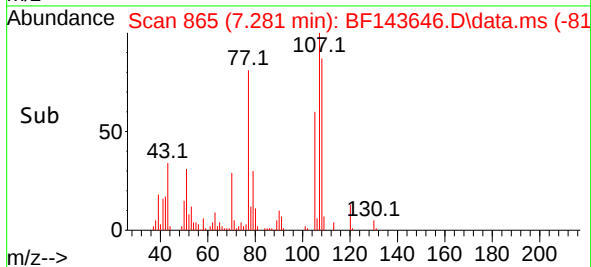
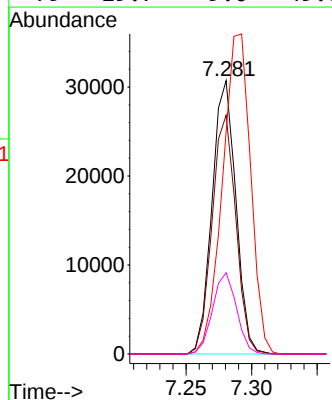
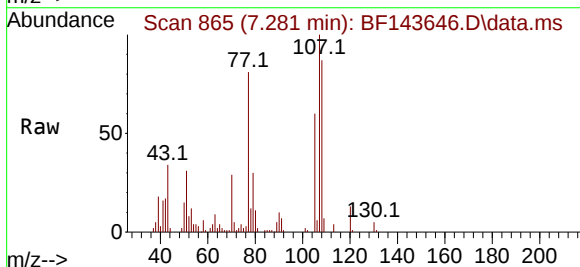
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

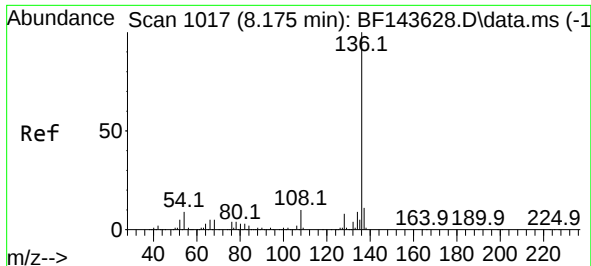
Tgt Ion:	70	Resp:	26648
Ion	Ratio	Lower	Upper
70	100		
42	57.7	45.2	67.8
101	10.1	7.6	11.4
130	22.1	16.0	24.0



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

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

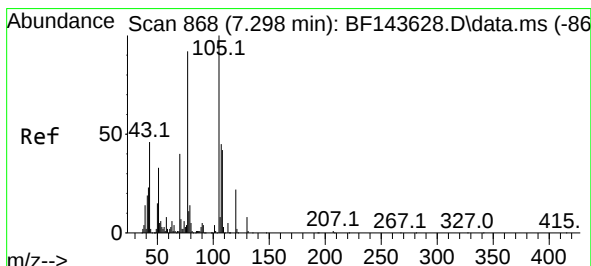
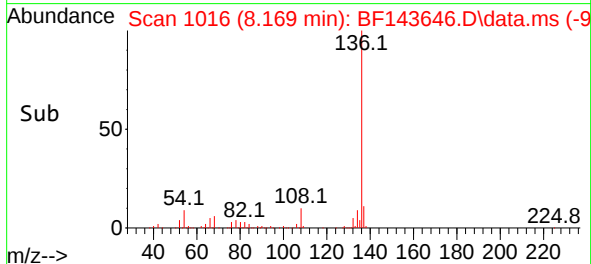
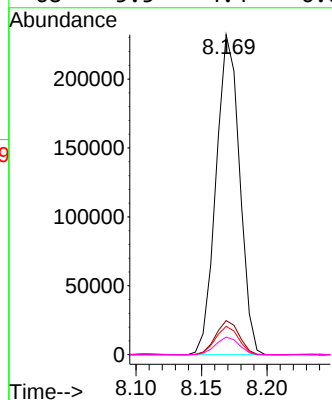
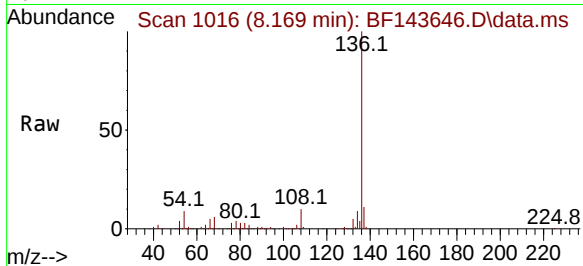




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

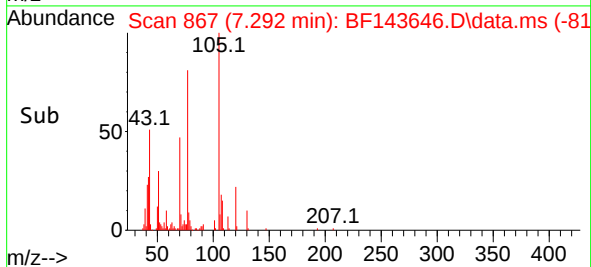
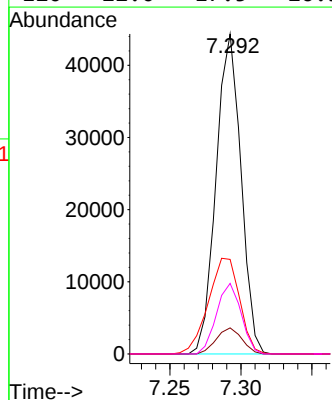
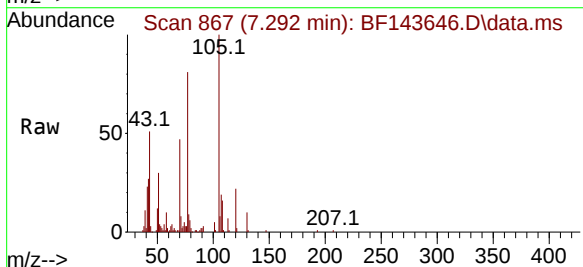
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

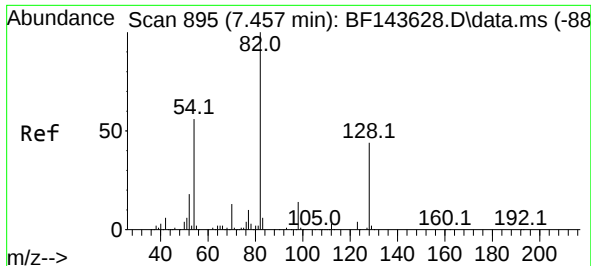
Tgt Ion:136	Resp:	289726	
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	8.9	7.3	10.9
68	5.5	4.4	6.6



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

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

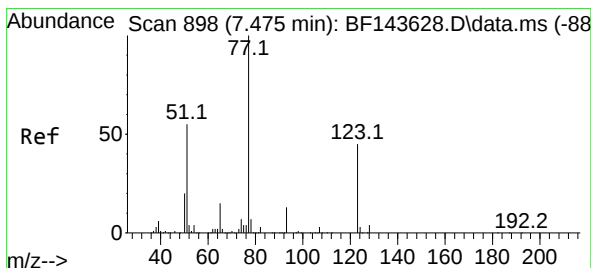
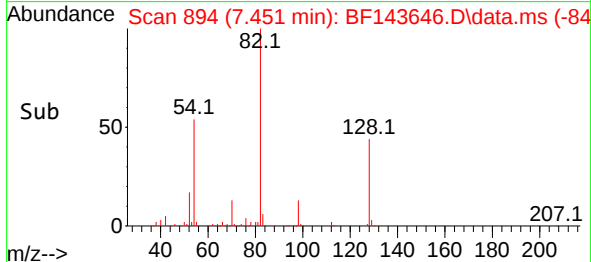
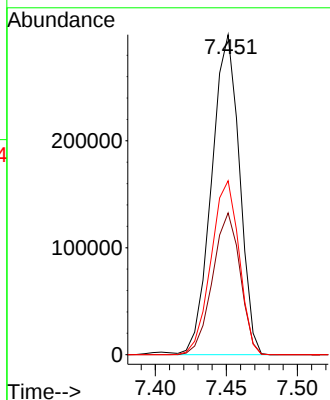
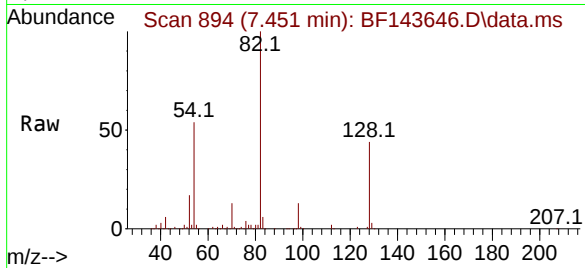




#23
Nitrobenzene-d5
Concen: 99.132 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

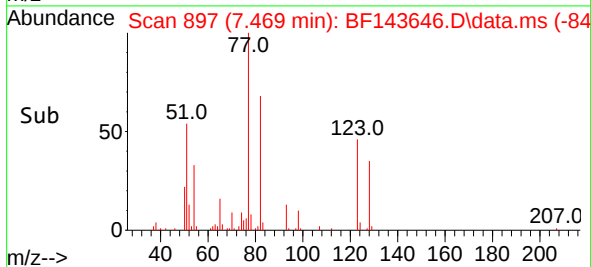
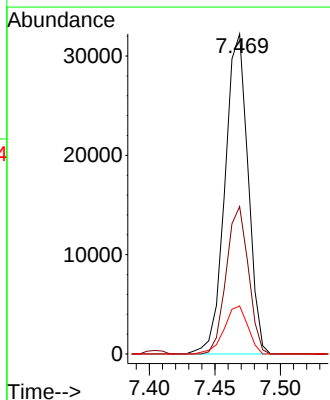
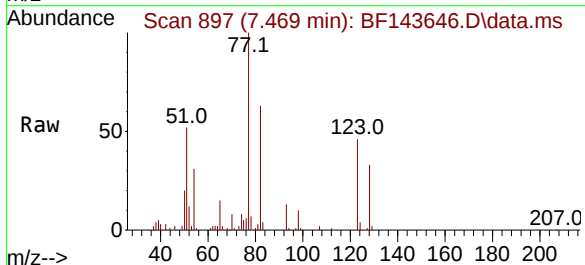
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

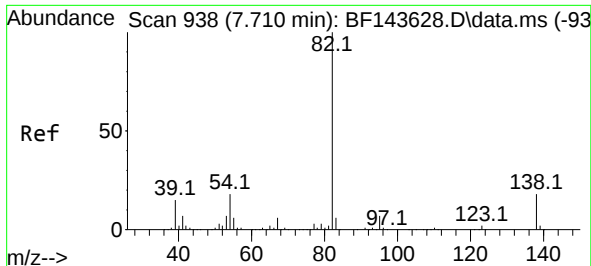
Tgt Ion: 82 Resp: 408645
Ion Ratio Lower Upper
82 100
128 44.3 34.7 52.1
54 54.4 44.8 67.2



#24
Nitrobenzene
Concen: 8.946 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

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

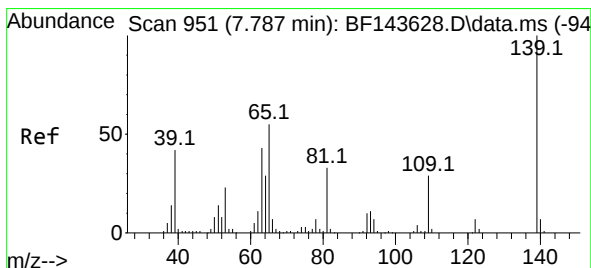
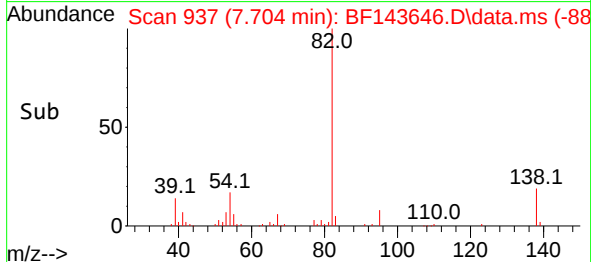
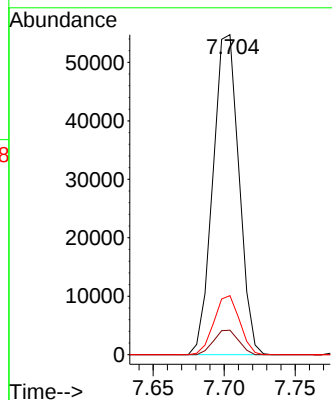
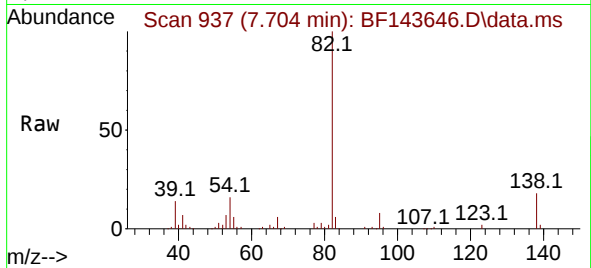




#25
Isophorone
Concen: 7.517 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

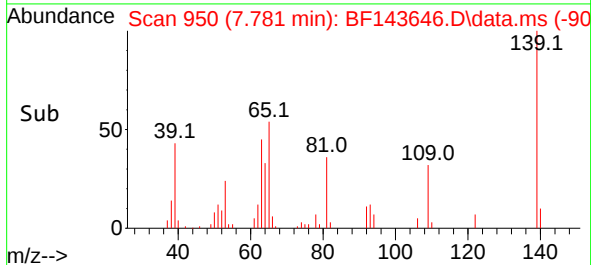
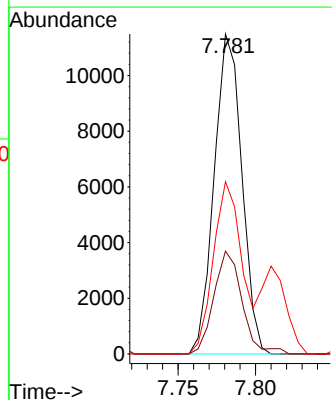
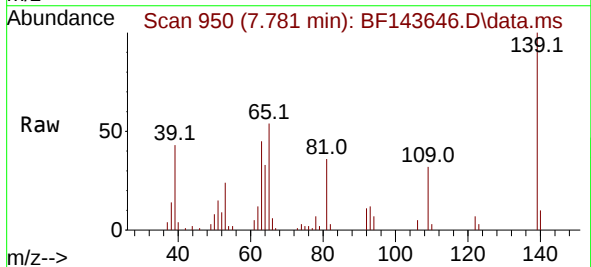
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

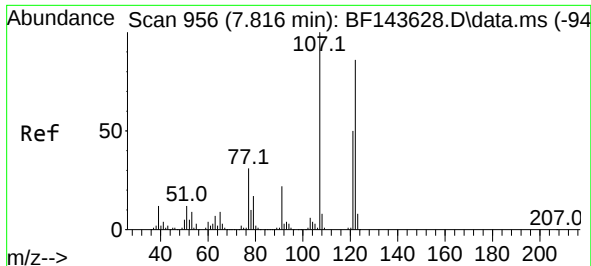
Tgt Ion: 82 Resp: 69827
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 18.4 14.2 21.2



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

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





#27

2,4-Dimethylphenol

Concen: 8.740 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143646.D

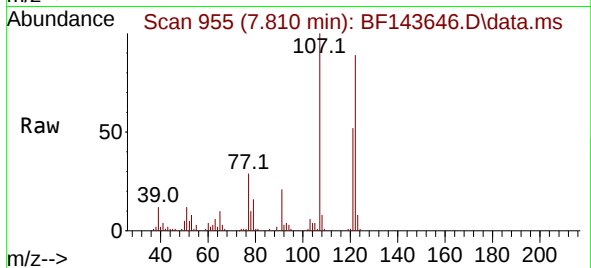
Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



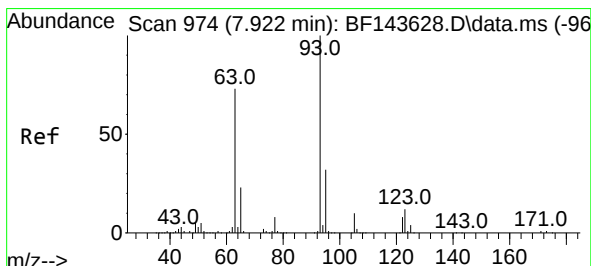
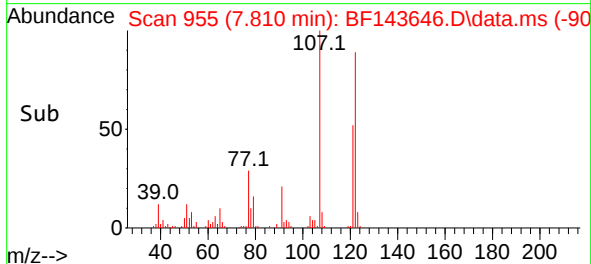
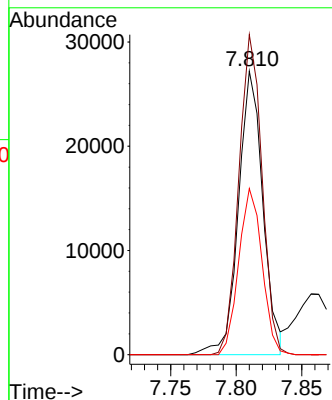
Tgt Ion:122 Resp: 35348

Ion Ratio Lower Upper

122 100

107 112.8 93.4 140.0

121 58.6 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 7.831 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

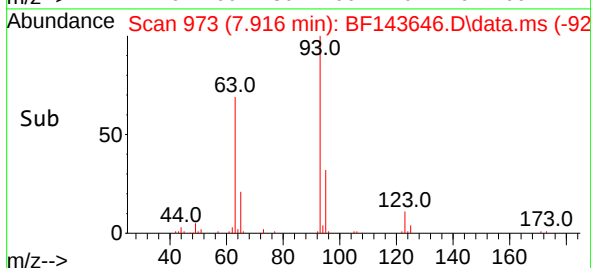
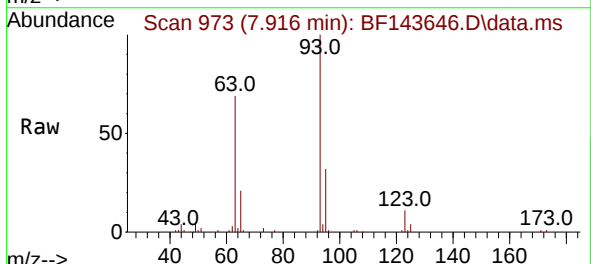
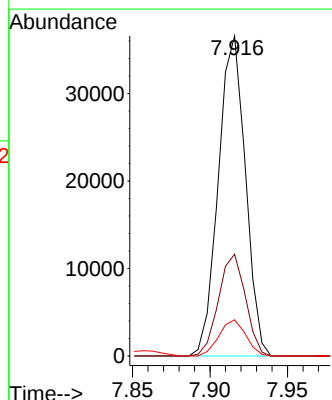
Tgt Ion: 93 Resp: 44469

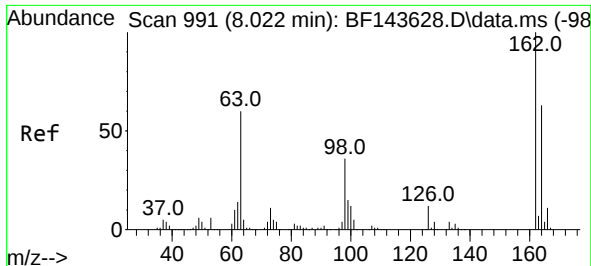
Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.8

123 11.3 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 7.993 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143646.D

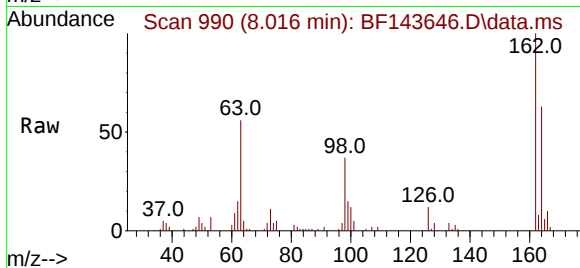
Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



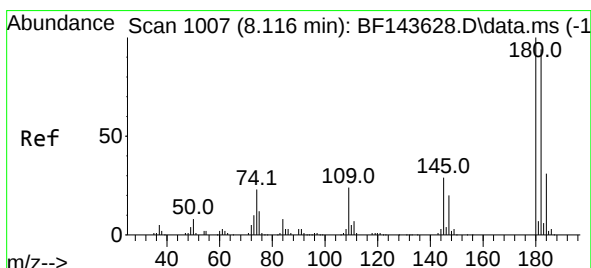
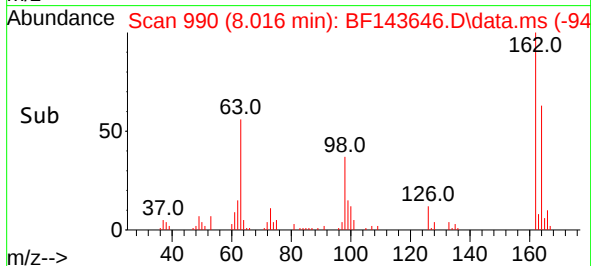
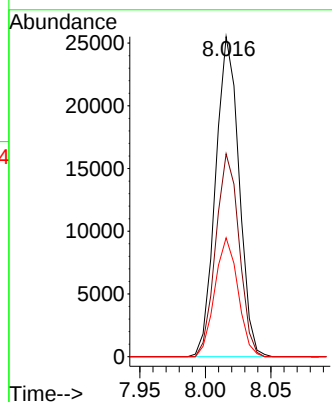
Tgt Ion:162 Resp: 31723

Ion Ratio Lower Upper

162 100

164 63.4 42.9 82.9

98 37.1 15.9 55.9



#30

1,2,4-Trichlorobenzene

Concen: 8.365 ng

RT: 8.110 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

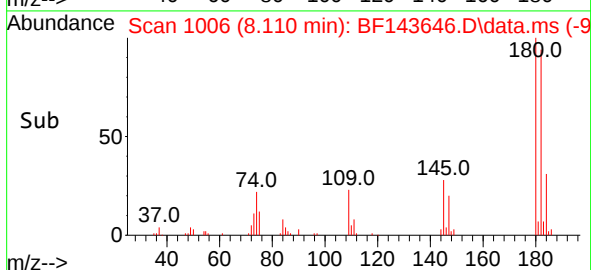
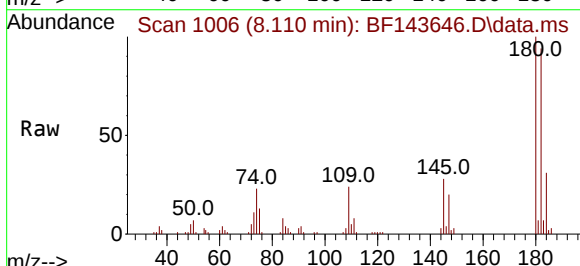
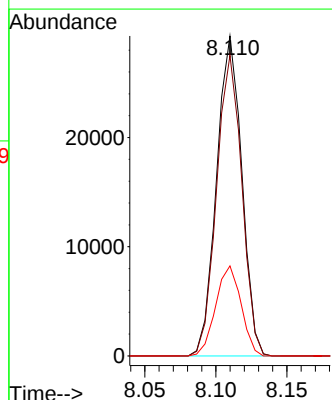
Tgt Ion:180 Resp: 36178

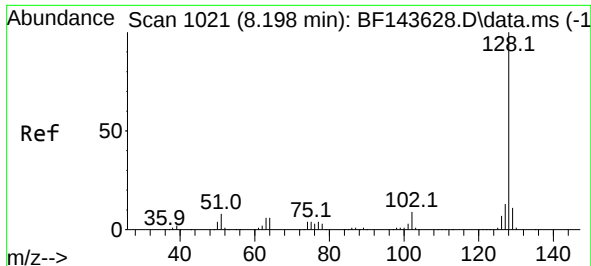
Ion Ratio Lower Upper

180 100

182 94.0 75.2 112.8

145 28.2 23.6 35.4

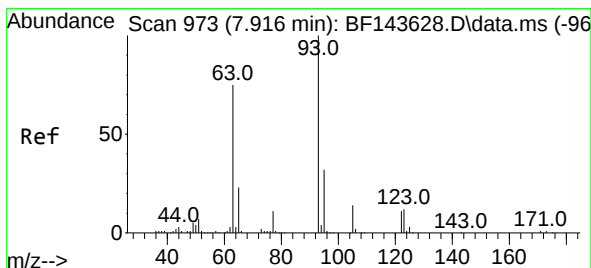
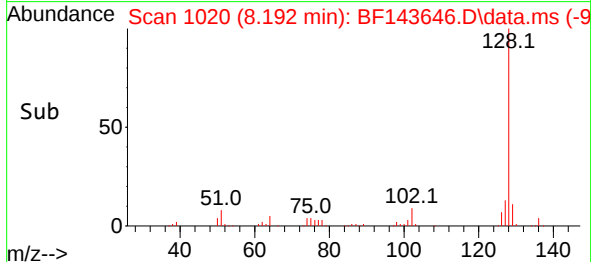
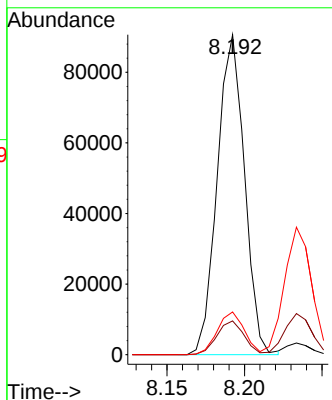
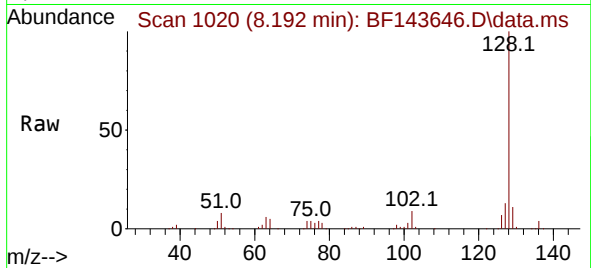




#31
Naphthalene
Concen: 7.814 ng
RT: 8.192 min Scan# 110
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

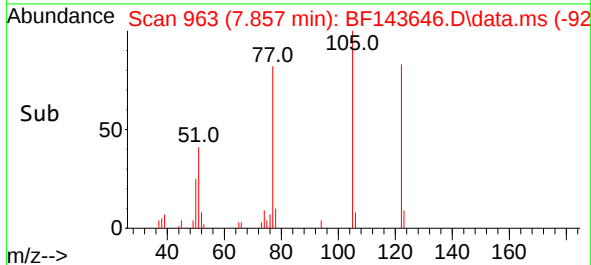
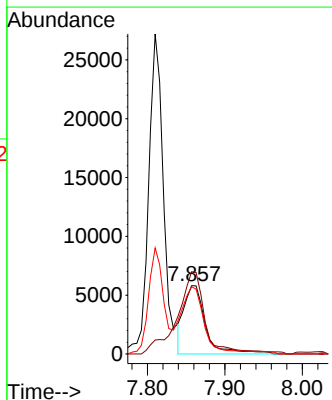
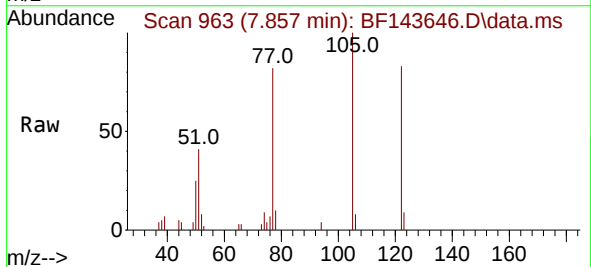
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

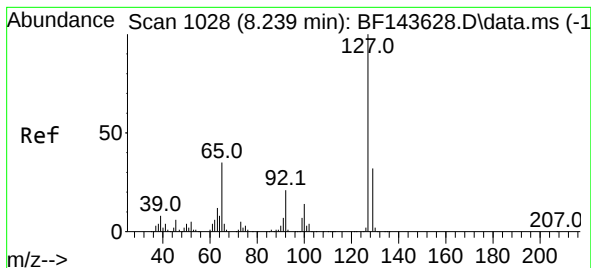
Tgt Ion:128 Resp: 110737
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.4 10.6 16.0



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

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





#33

4-Chloroaniline

Concen: 8.966 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143646.D

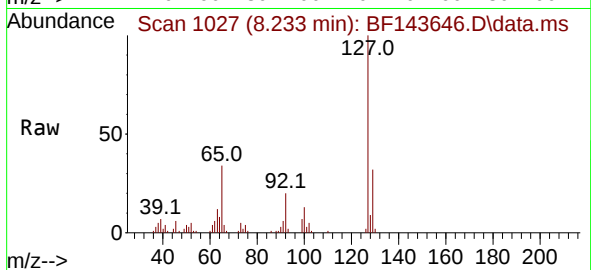
Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



Tgt Ion:127 Resp: 43996

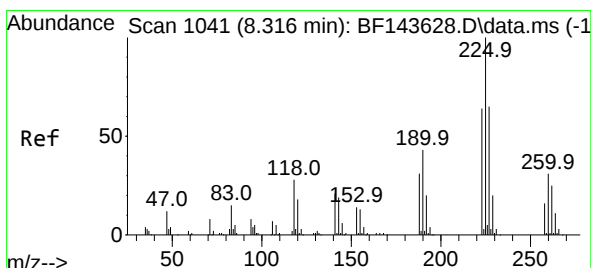
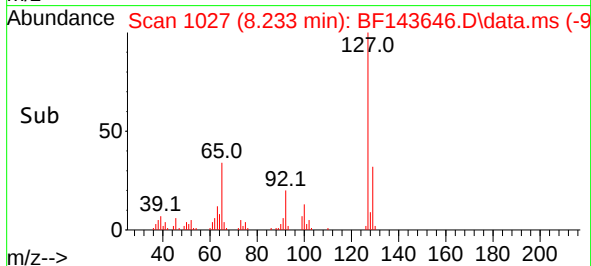
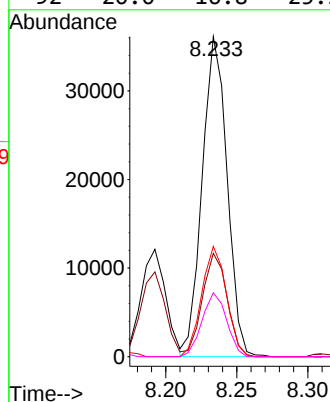
Ion Ratio Lower Upper

127 100

129 32.3 26.2 39.2

65 34.5 27.6 41.4

92 20.0 16.8 25.2



#34

Hexachlorobutadiene

Concen: 7.907 ng

RT: 8.310 min Scan# 1040

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

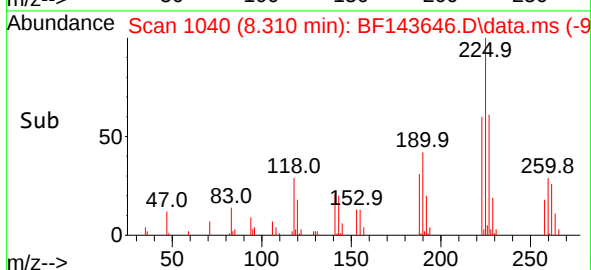
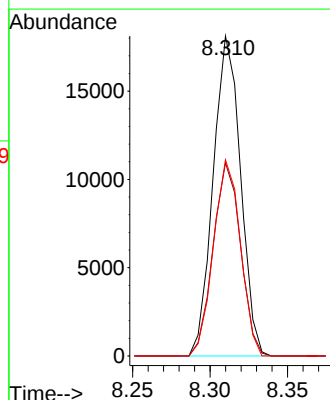
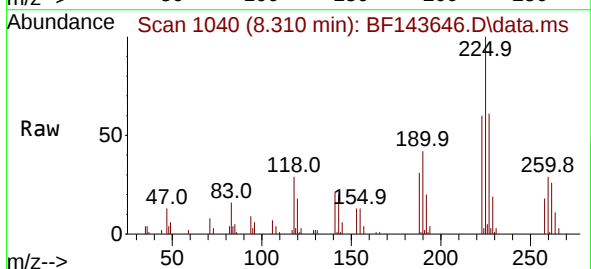
Tgt Ion:225 Resp: 22246

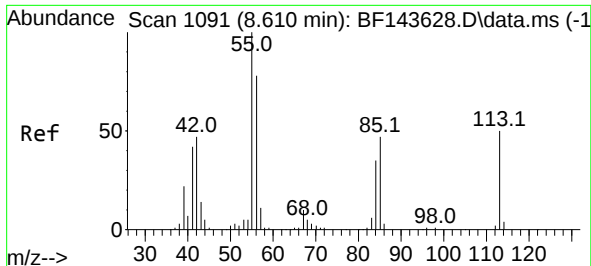
Ion Ratio Lower Upper

225 100

223 60.3 51.3 76.9

227 61.3 51.7 77.5

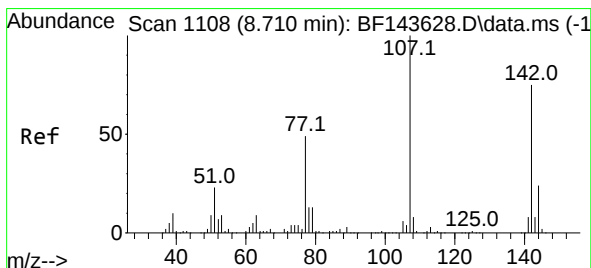
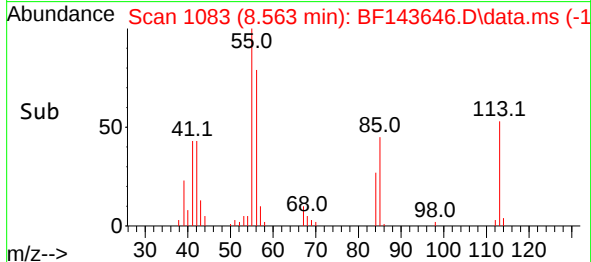
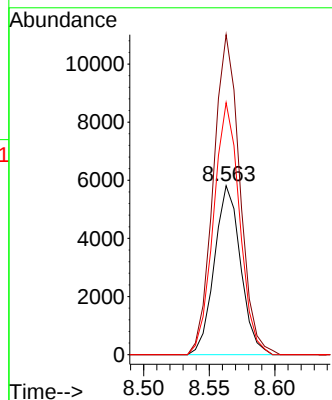
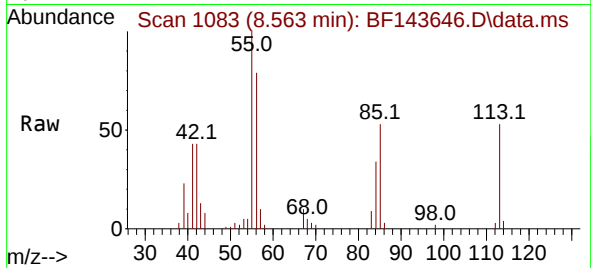




#35
 Caprolactam
 Concen: 7.601 ng
 RT: 8.563 min Scan# 1107
 Delta R.T. -0.047 min
 Lab File: BF143646.D
 Acq: 04 Sep 2025 16:12

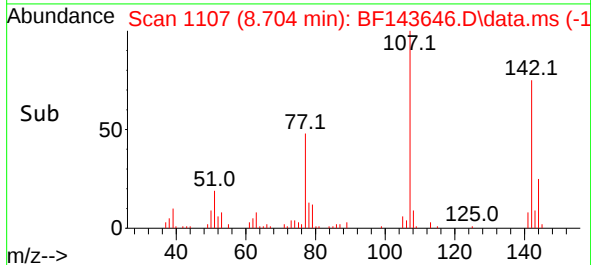
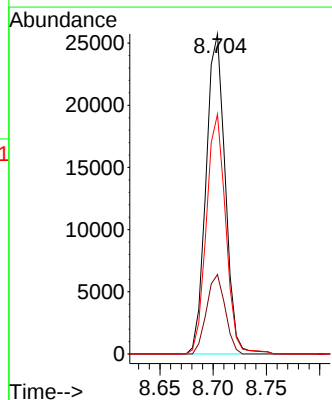
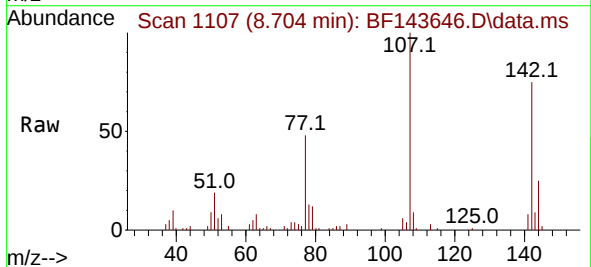
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

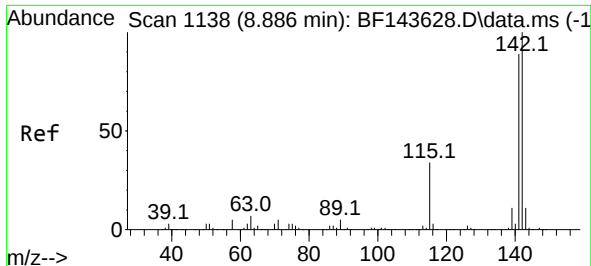
Tgt Ion:113 Resp: 8084
 Ion Ratio Lower Upper
 113 100
 55 189.3 180.5 220.5
 56 149.1 134.8 174.8



#36
 4-Chloro-3-methylphenol
 Concen: 7.746 ng
 RT: 8.704 min Scan# 1107
 Delta R.T. -0.006 min
 Lab File: BF143646.D
 Acq: 04 Sep 2025 16:12

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





#37

2-Methylnaphthalene

Concen: 7.132 ng

RT: 8.880 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

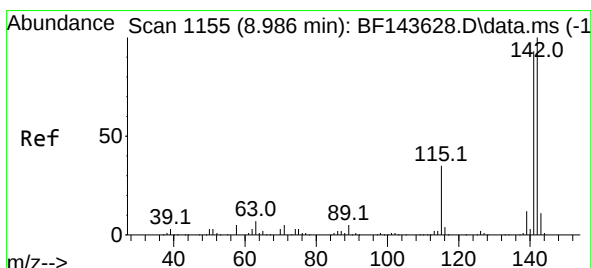
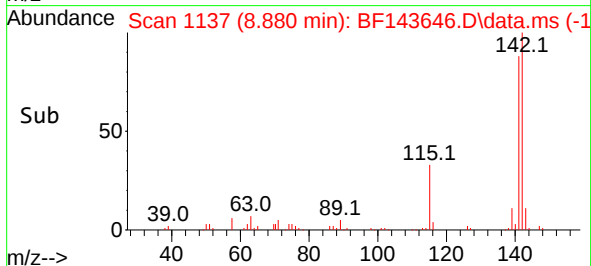
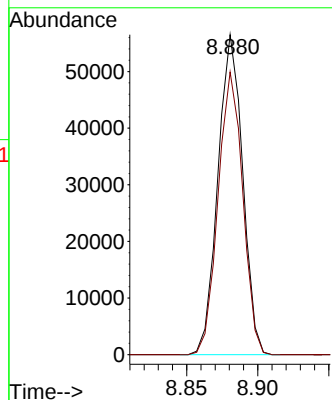
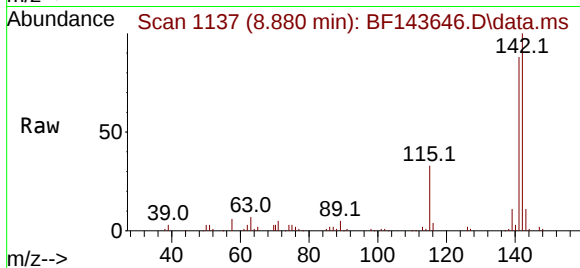
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:142 Resp: 68361

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2



#38

1-Methylnaphthalene

Concen: 7.837 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF143646.D

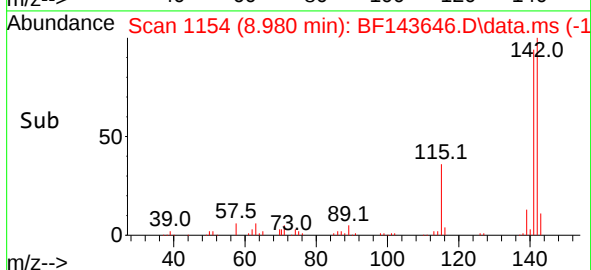
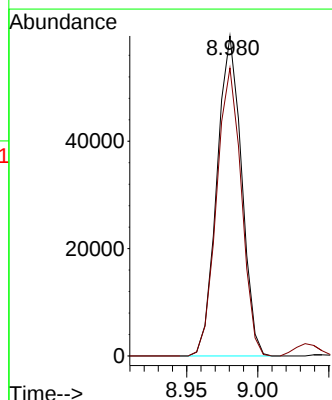
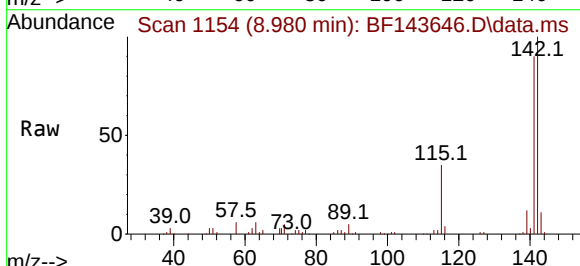
Acq: 04 Sep 2025 16:12

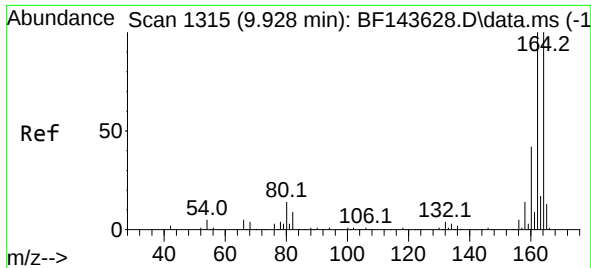
Tgt Ion:142 Resp: 71820

Ion Ratio Lower Upper

142 100

141 90.0 74.5 111.7

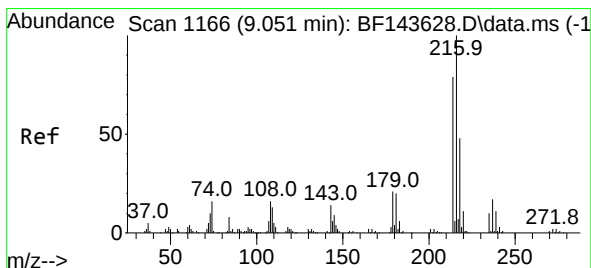
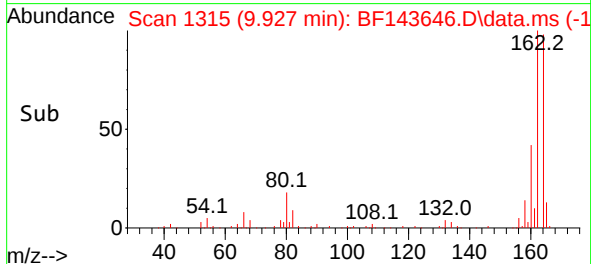
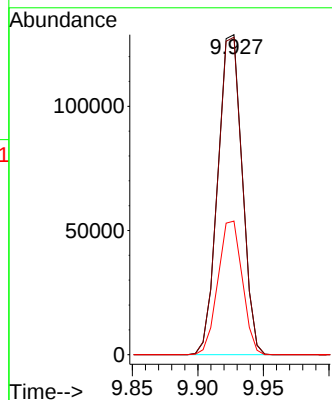
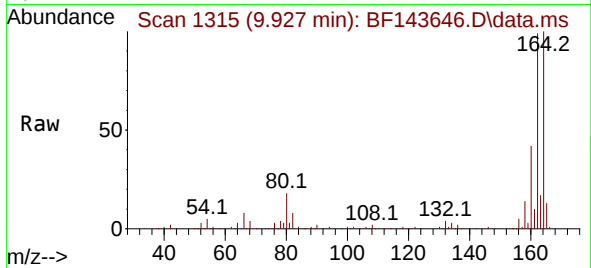




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1165
Delta R.T. -0.001 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

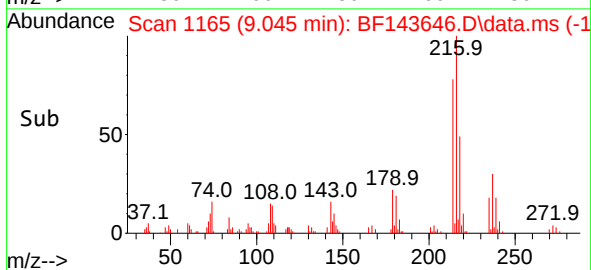
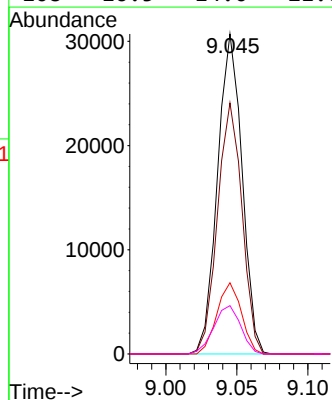
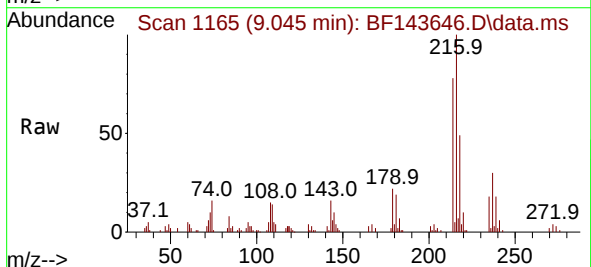
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

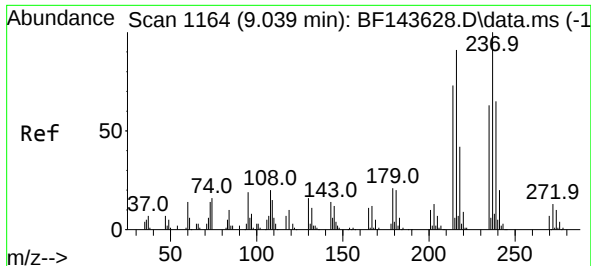
Tgt Ion:164 Resp: 166088
Ion Ratio Lower Upper
164 100
162 99.2 80.3 120.5
160 41.7 34.0 51.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.032 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

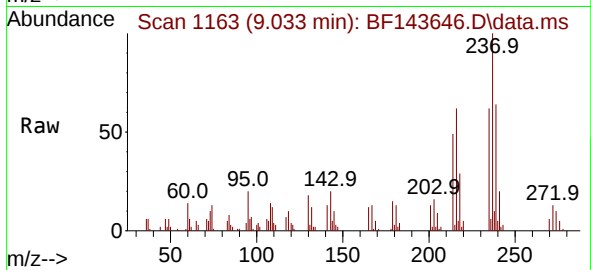
Tgt Ion:216 Resp: 36867
Ion Ratio Lower Upper
216 100
214 78.2 63.3 94.9
179 22.2 17.2 25.8
108 16.5 14.0 21.0



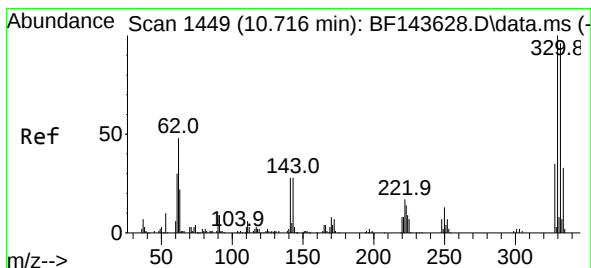
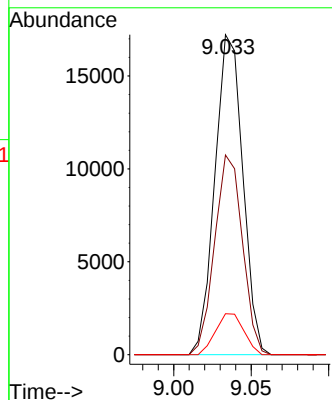
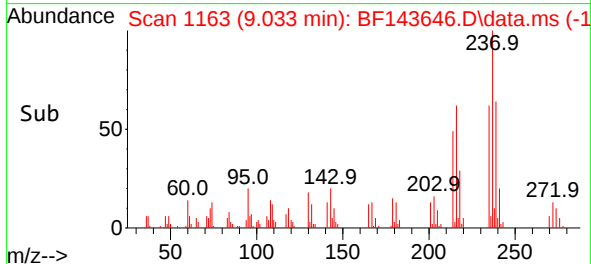


#41
Hexachlorocyclopentadiene
Concen: 9.682 ng
RT: 9.033 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

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

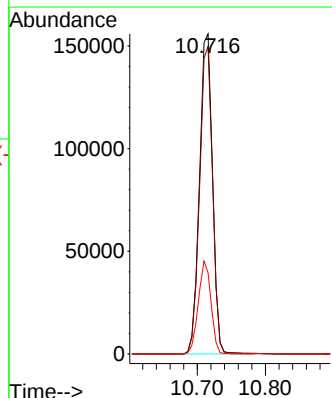
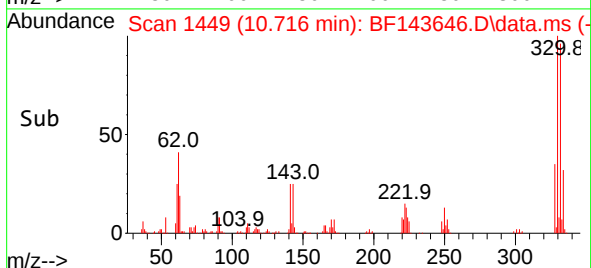
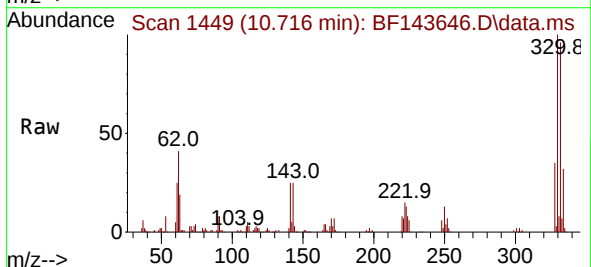


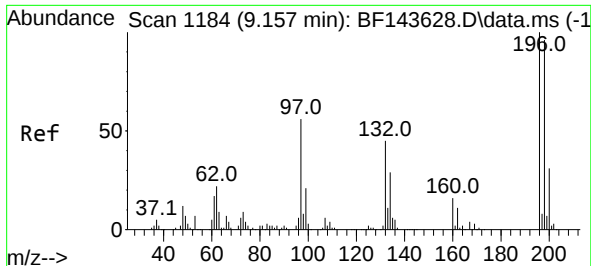
Tgt Ion:237 Resp: 21581
Ion Ratio Lower Upper
237 100
235 62.4 43.0 83.0
272 12.8 0.0 32.9



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

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





#43

2,4,6-Trichlorophenol

Concen: 8.170 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

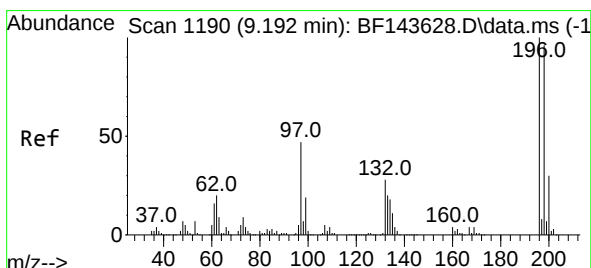
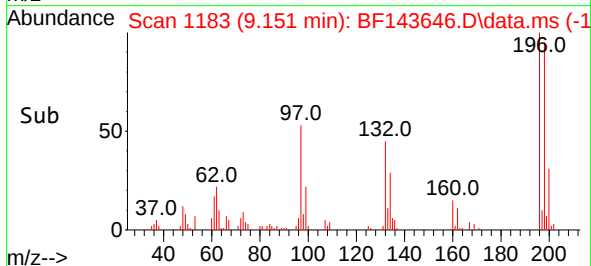
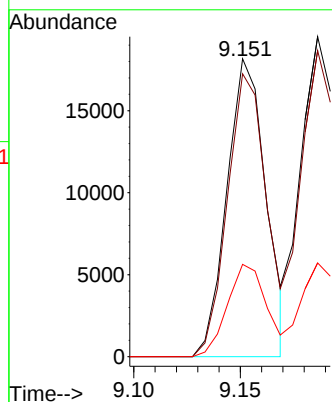
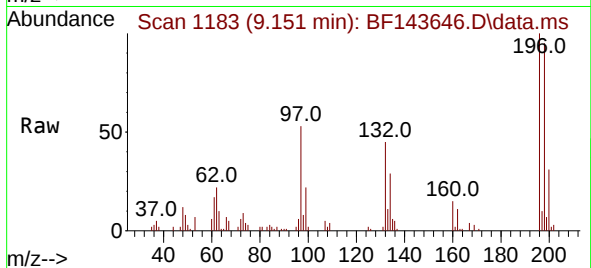
Tgt Ion:196 Resp: 23105

Ion Ratio Lower Upper

196 100

198 94.9 77.1 115.7

200 31.0 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 8.356 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Tgt Ion:196 Resp: 24397

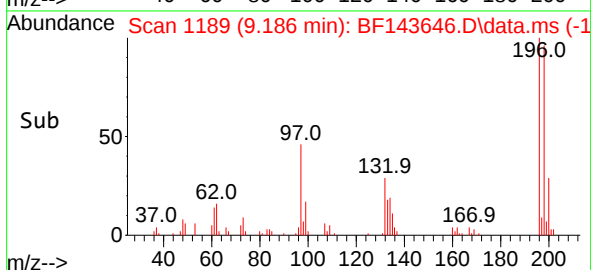
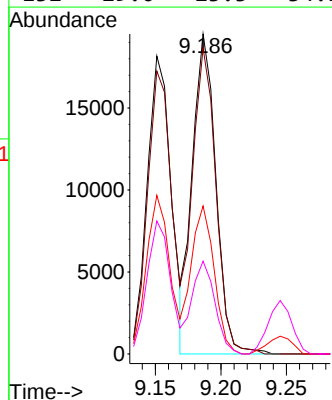
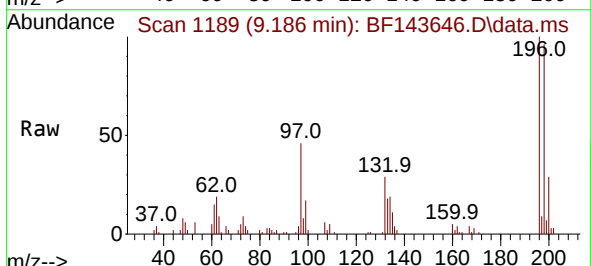
Ion Ratio Lower Upper

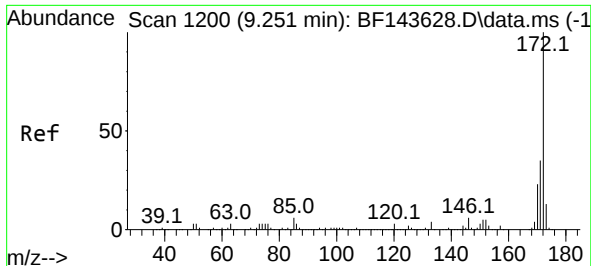
196 100

198 95.7 76.6 115.0

97 46.2 38.2 57.2

132 29.0 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 86.030 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143646.D

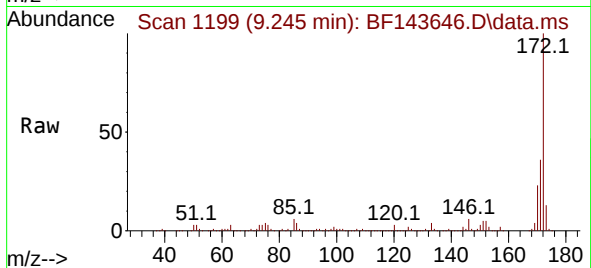
Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



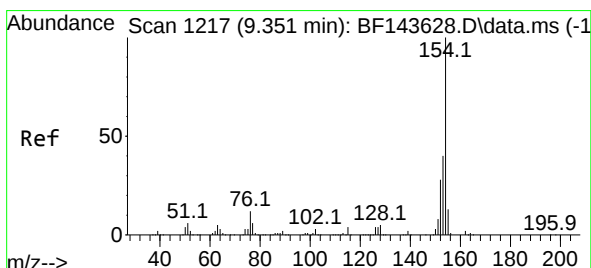
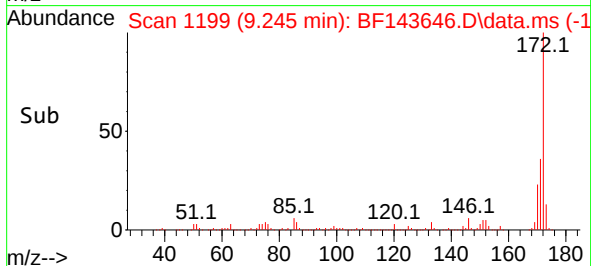
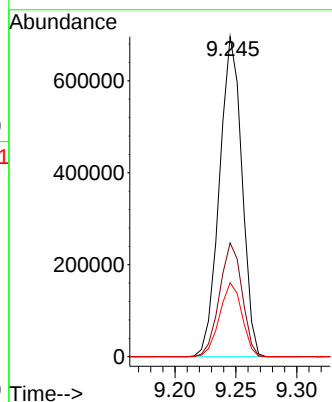
Tgt Ion:172 Resp: 894345

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 23.1 18.6 28.0



#46

1,1'-Biphenyl

Concen: 8.139 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

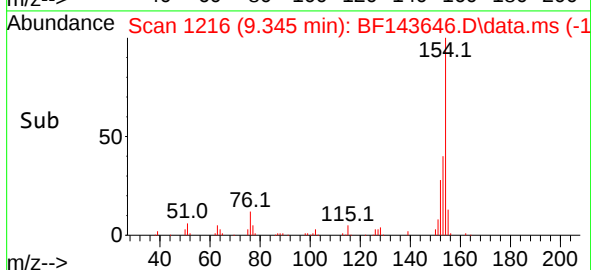
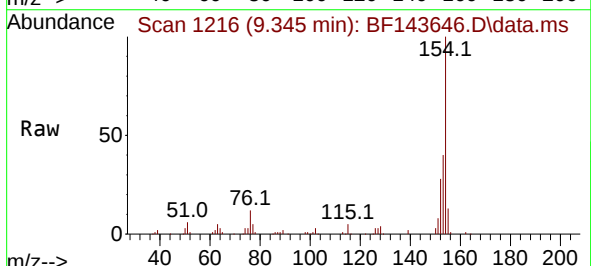
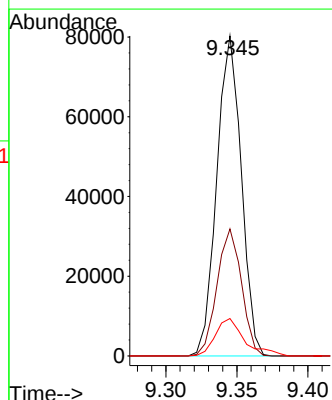
Tgt Ion:154 Resp: 96135

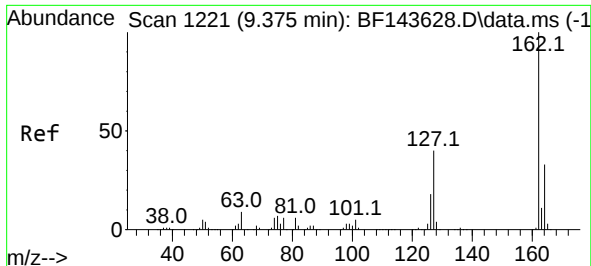
Ion Ratio Lower Upper

154 100

153 39.7 20.1 60.1

76 11.7 0.0 31.9





#47

2-Chloronaphthalene

Concen: 7.823 ng

RT: 9.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143646.D

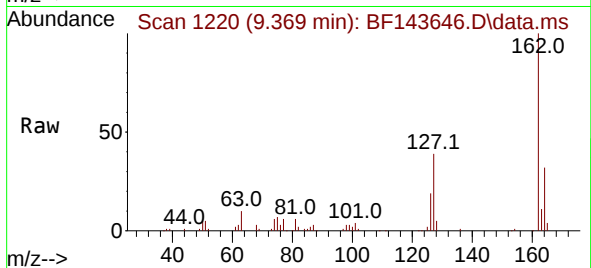
Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



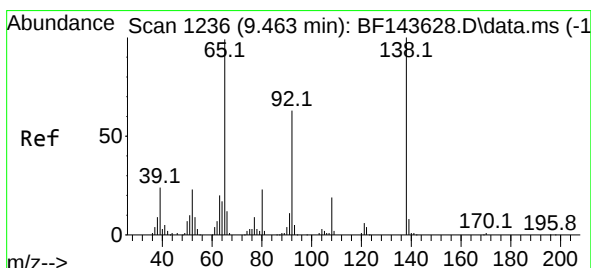
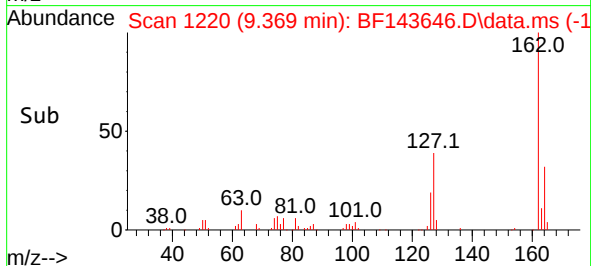
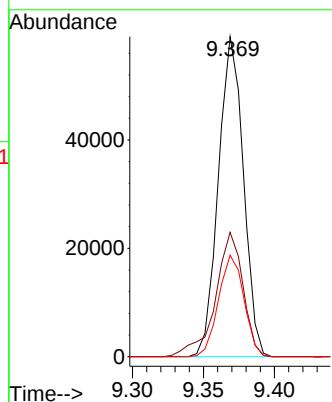
Tgt Ion:162 Resp: 72317

Ion Ratio Lower Upper

162 100

127 38.8 31.9 47.9

164 31.7 26.0 39.0



#48

2-Nitroaniline

Concen: 9.727 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

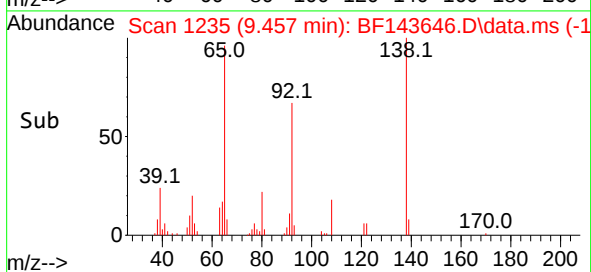
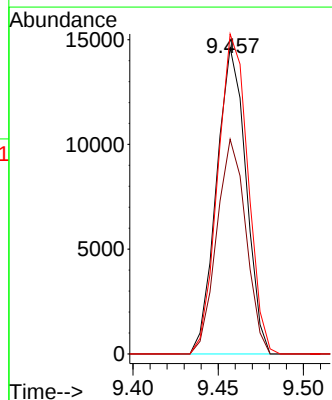
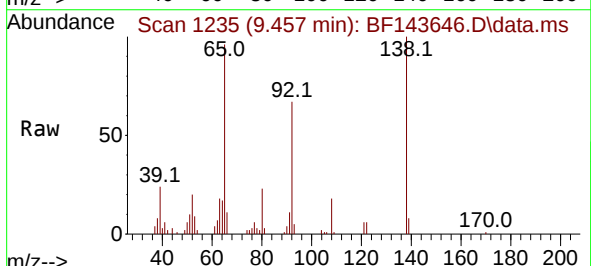
Tgt Ion: 65 Resp: 17594

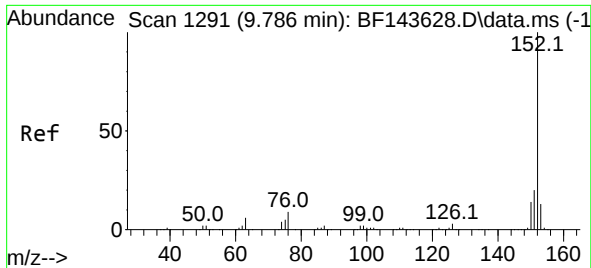
Ion Ratio Lower Upper

65 100

92 70.0 50.9 76.3

138 104.4 80.6 120.8

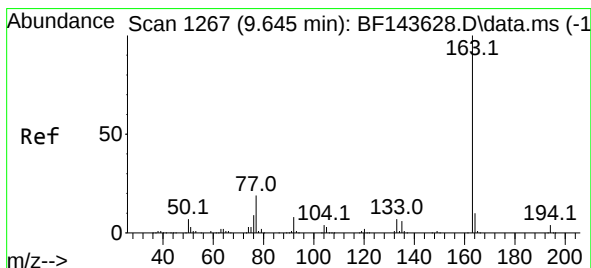
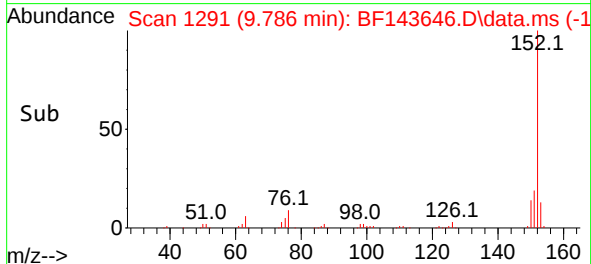
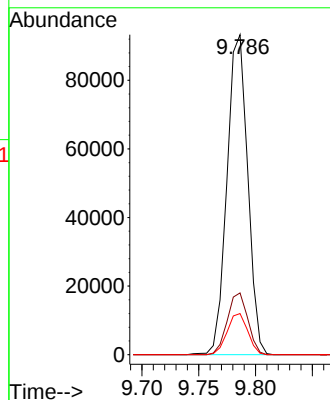
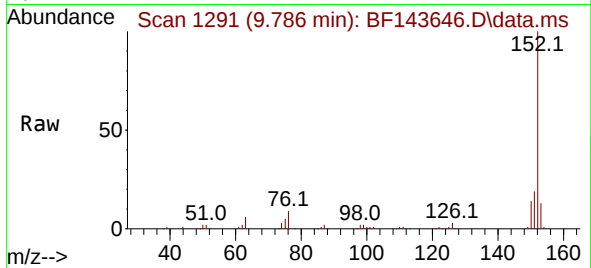




#49
Acenaphthylene
Concen: 8.882 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

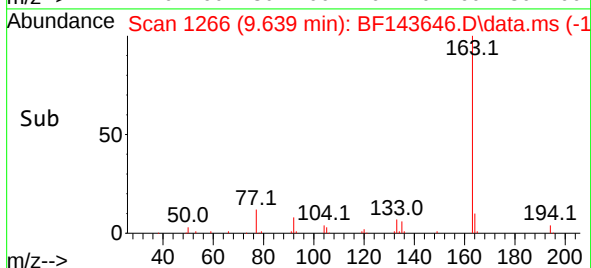
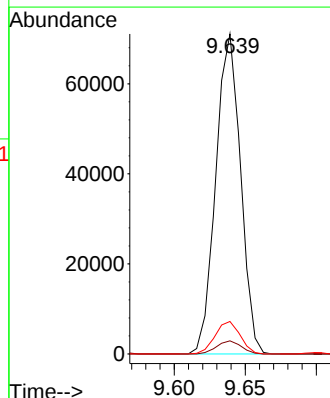
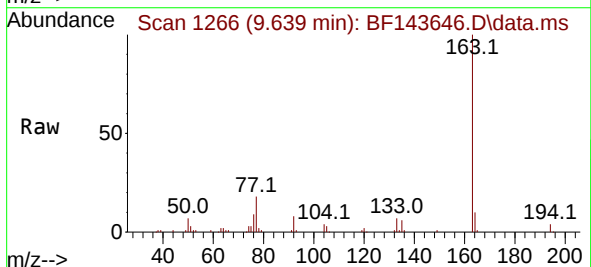
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

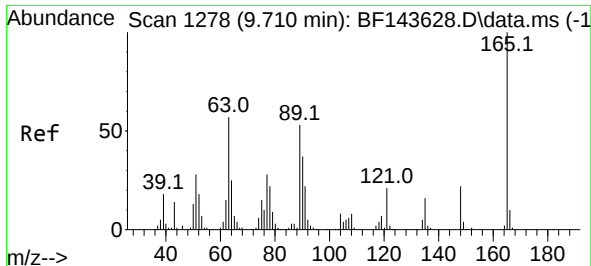
Tgt Ion:152 Resp: 118334
Ion Ratio Lower Upper
152 100
151 19.3 16.1 24.1
153 12.9 10.6 15.8



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

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





#51

2,6-Dinitrotoluene

Concen: 11.491 ng

RT: 9.698 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

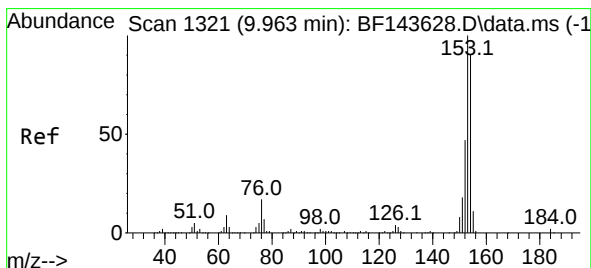
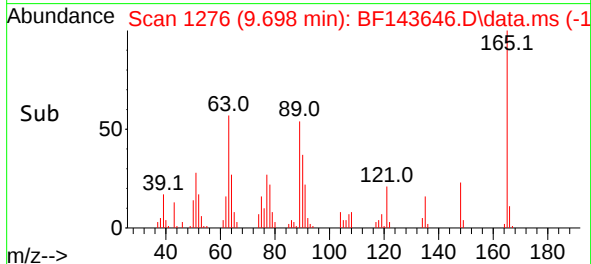
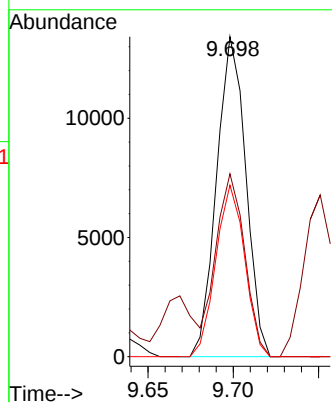
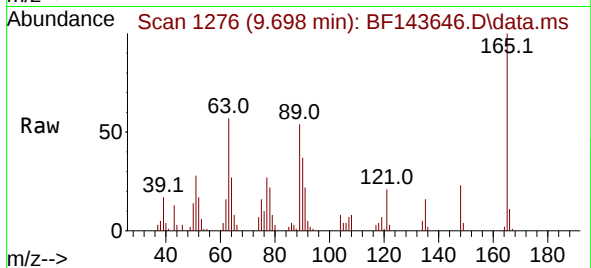
Tgt Ion:165 Resp: 15991

Ion Ratio Lower Upper

165 100

63 57.1 45.4 68.0

89 53.6 42.1 63.1



#52

Acenaphthene

Concen: 7.815 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

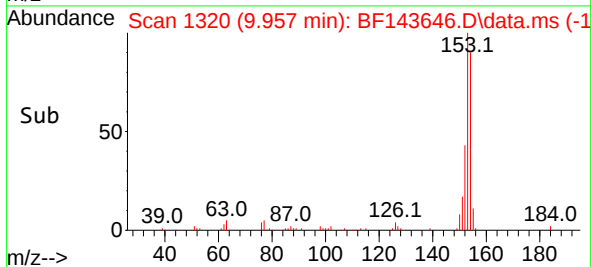
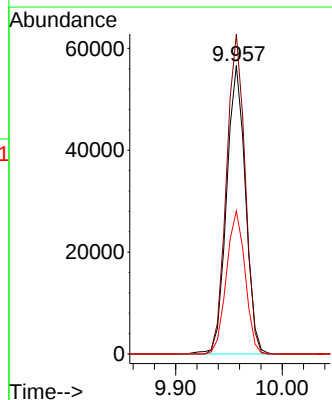
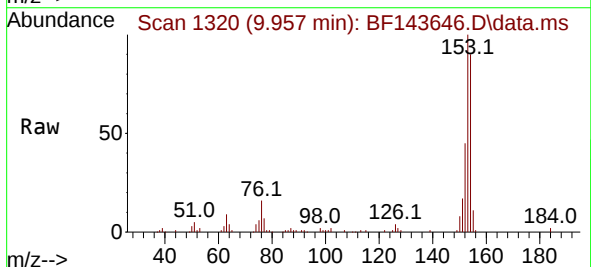
Tgt Ion:154 Resp: 69643

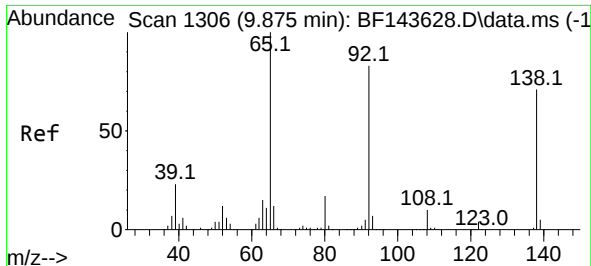
Ion Ratio Lower Upper

154 100

153 110.9 88.6 132.8

152 49.6 41.8 62.8

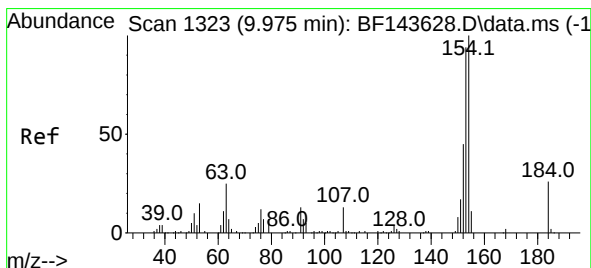
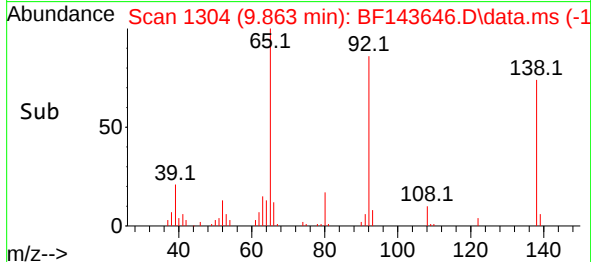
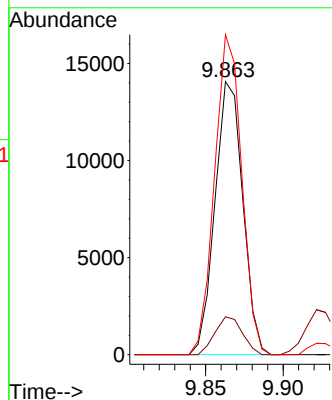
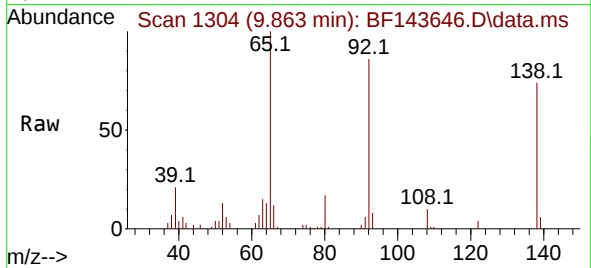




#53
3-Nitroaniline
Concen: 10.791 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

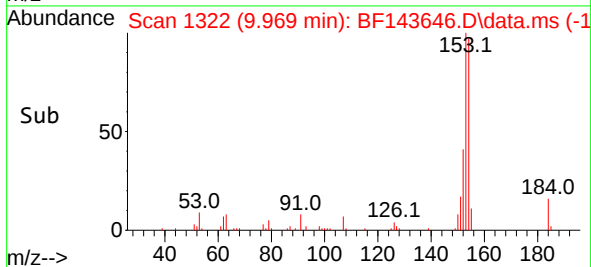
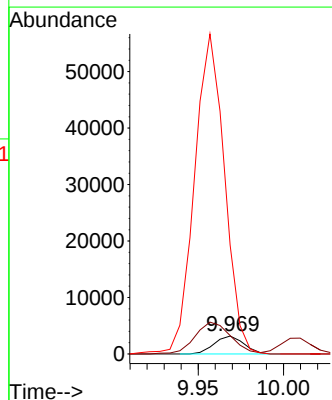
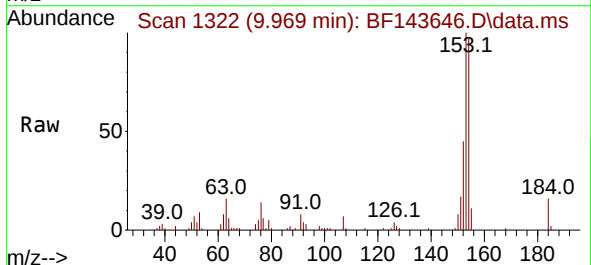
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

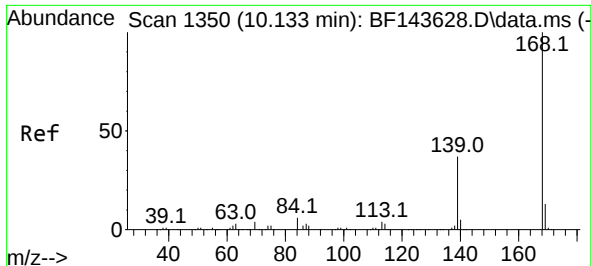
Tgt Ion:138 Resp: 17581
Ion Ratio Lower Upper
138 100
108 13.9 10.7 16.1
92 117.1 93.4 140.2



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

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

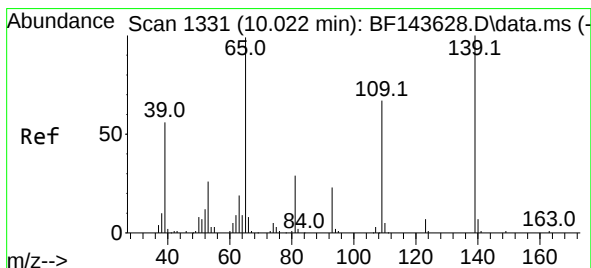
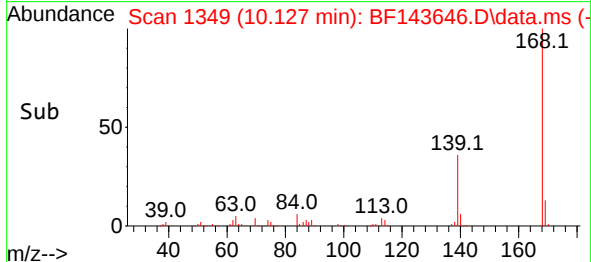
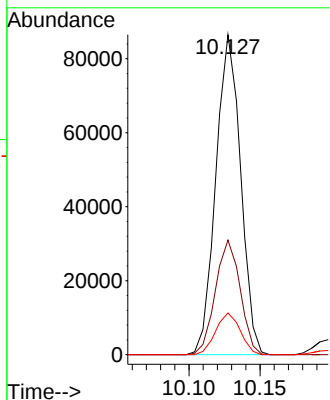
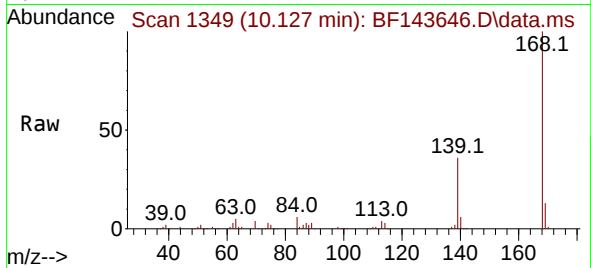




#55
Dibenzofuran
Concen: 8.090 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

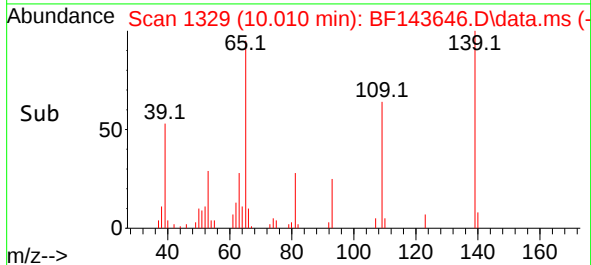
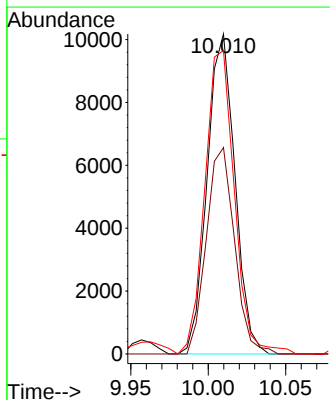
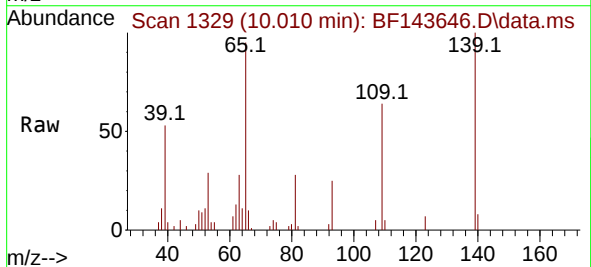
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

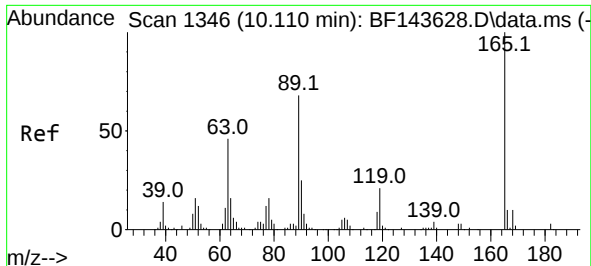
Tgt Ion:168 Resp: 104736
Ion Ratio Lower Upper
168 100
139 35.8 29.8 44.8
169 13.0 10.6 16.0



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

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

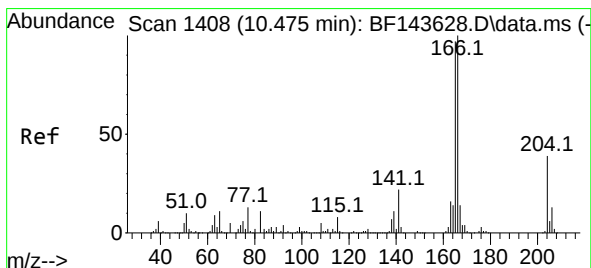
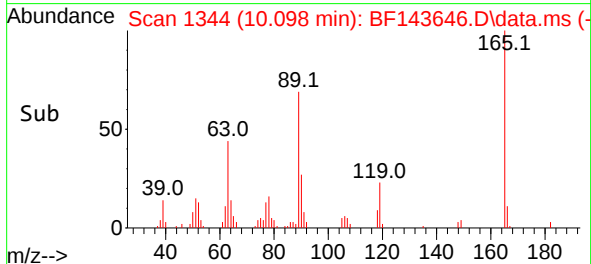
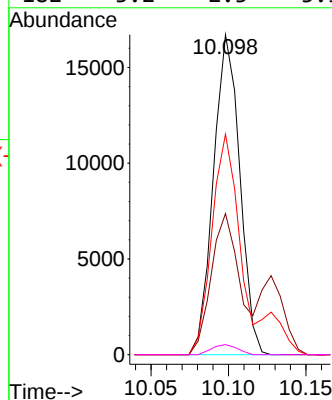
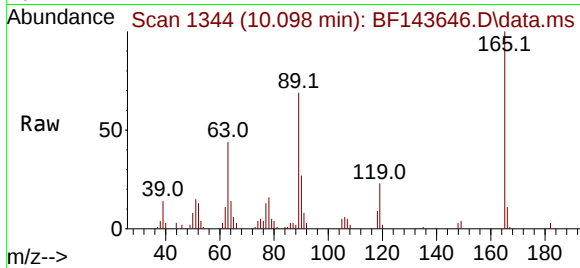




#57
2,4-Dinitrotoluene
Concen: 10.884 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

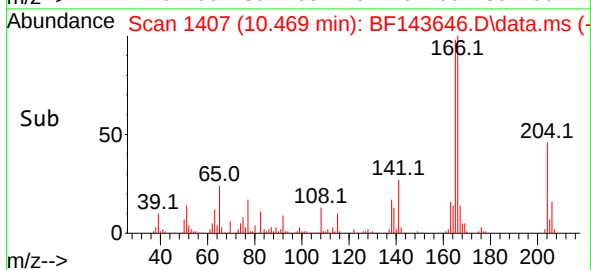
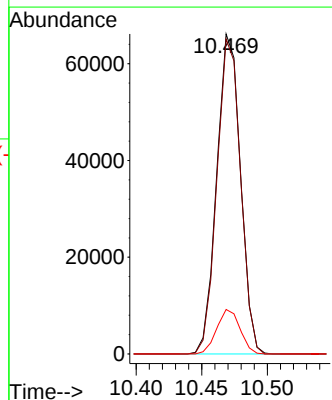
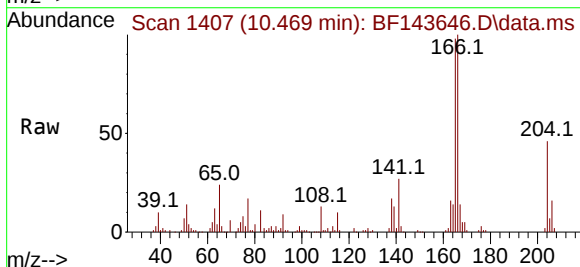
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

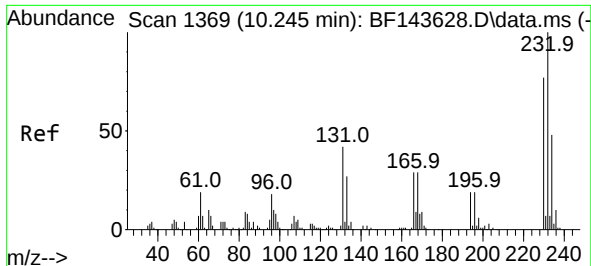
Tgt Ion:165 Resp: 19757
Ion Ratio Lower Upper
165 100
63 44.1 37.0 55.6
89 68.9 54.1 81.1
182 3.2 2.3 3.5



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

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

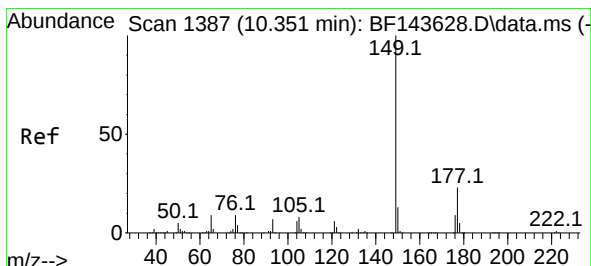
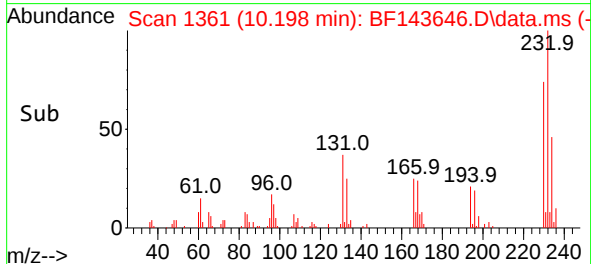
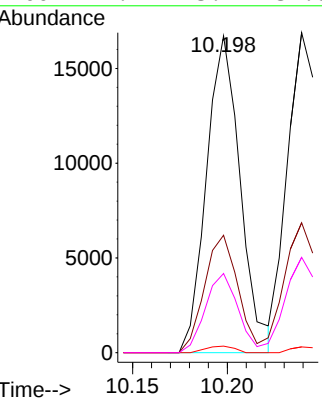
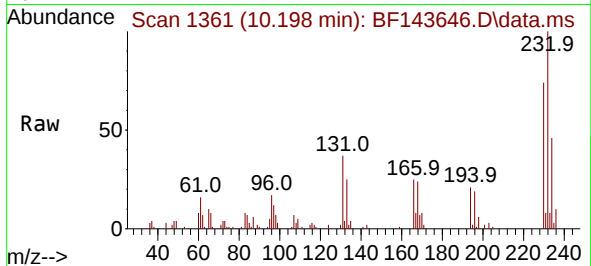




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.349 ng
RT: 10.198 min Scan# 1361
Delta R.T. -0.047 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

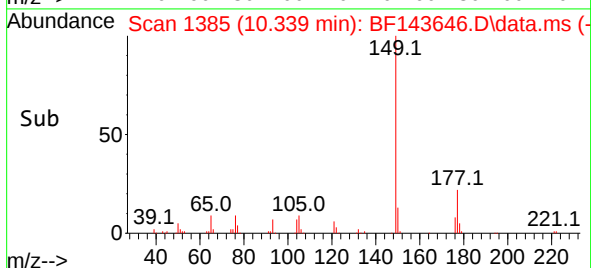
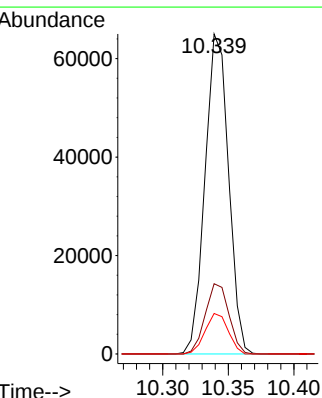
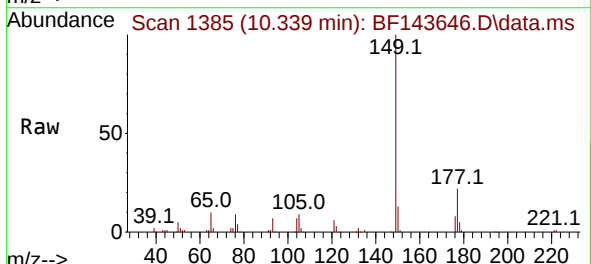
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

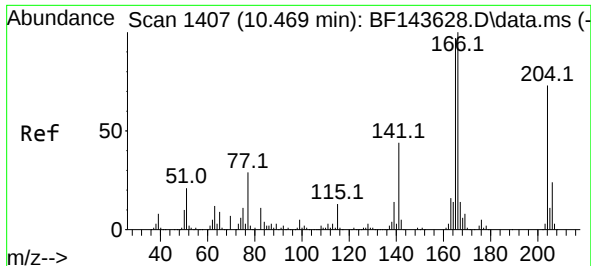
Tgt Ion:232 Resp: 20729
Ion Ratio Lower Upper
232 100
131 36.6 33.7 50.5
130 1.7 1.5 2.3
166 24.1 23.2 34.8



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

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

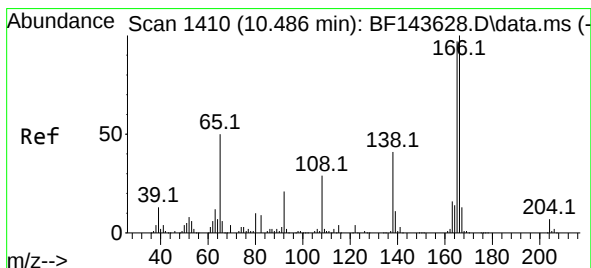
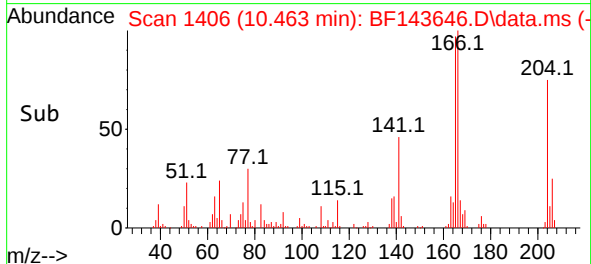
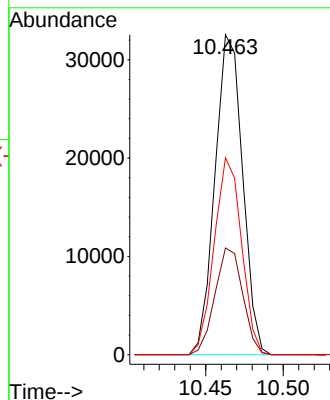
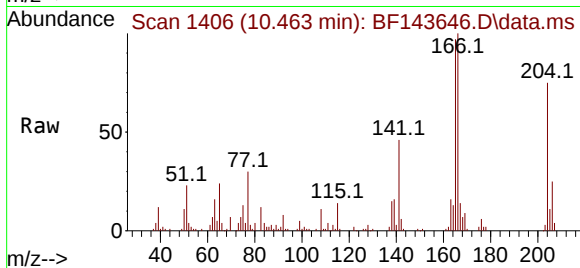




#61
4-Chlorophenyl-phenylether
Concen: 8.076 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

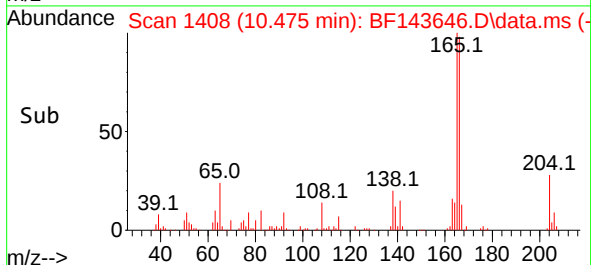
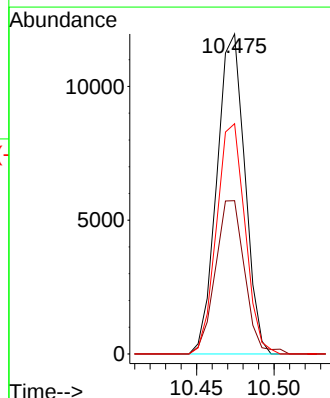
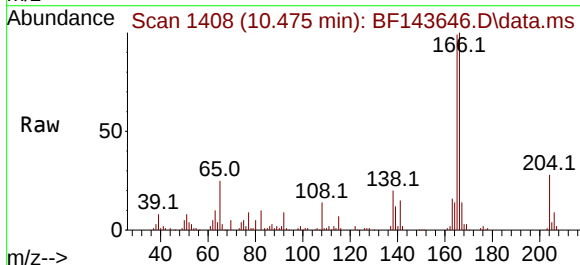
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

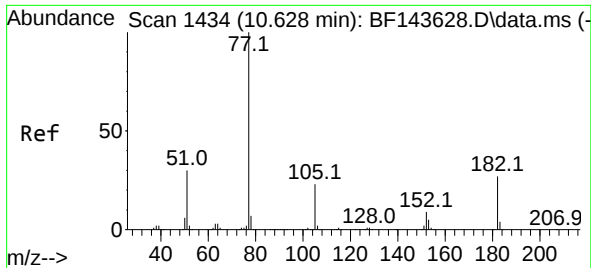
Tgt Ion:204 Resp: 40356
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 61.6 47.8 71.6



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

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

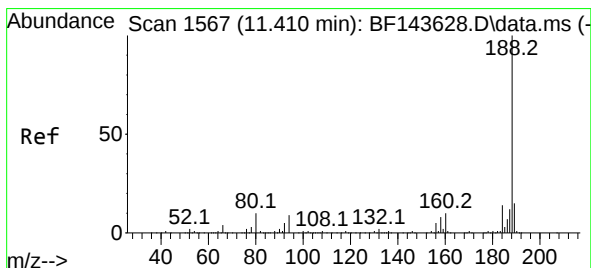
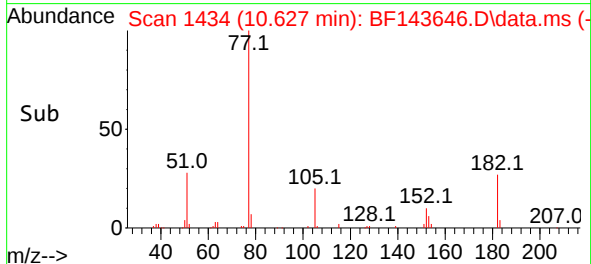
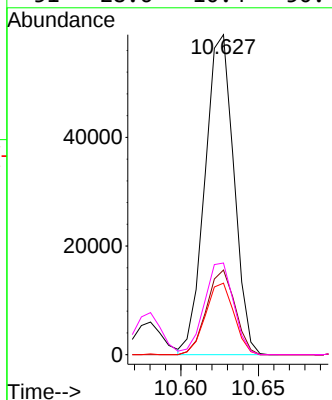
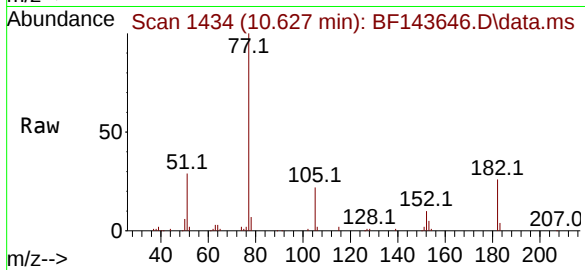




#63
Azobenzene
Concen: 8.121 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

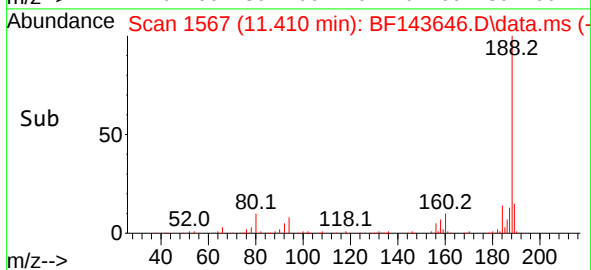
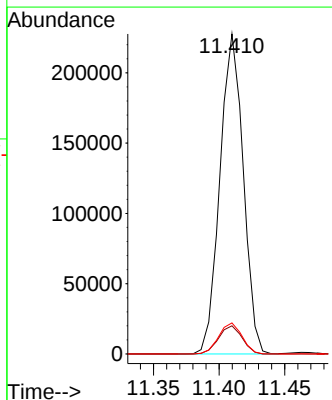
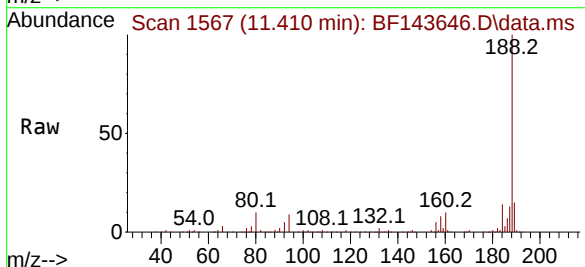
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

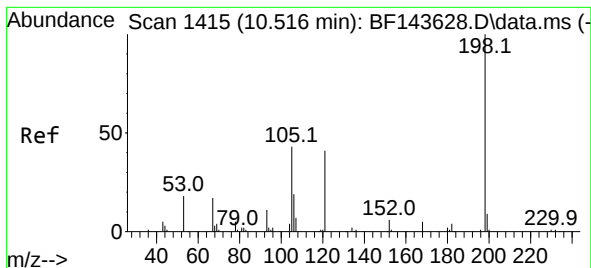
Tgt Ion: 77	Resp: 76430
Ion Ratio	Lower Upper
77 100	
182 26.5	6.8 46.8
105 22.3	2.8 42.8
51 28.6	10.4 50.4



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

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

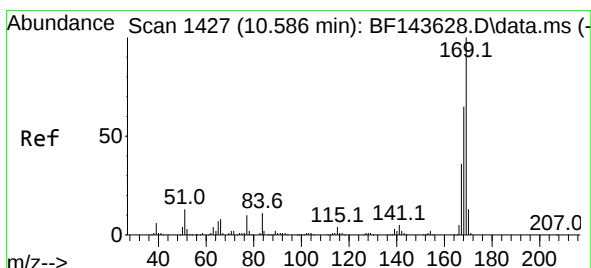
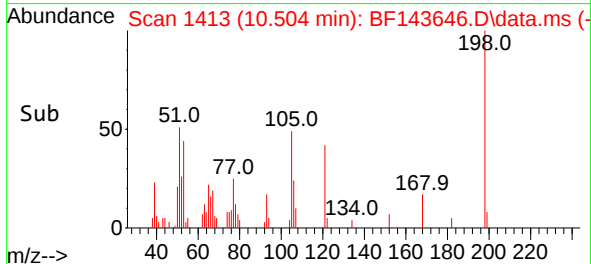
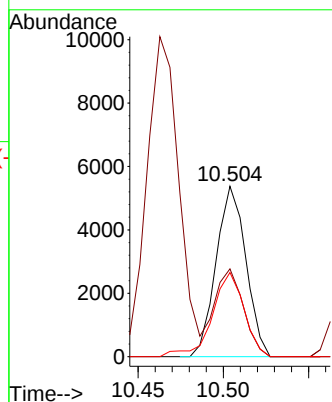
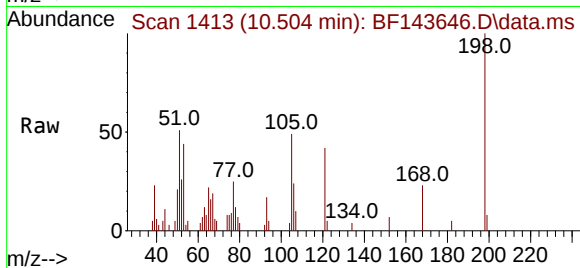




#65
4,6-Dinitro-2-methylphenol
Concen: 13.024 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

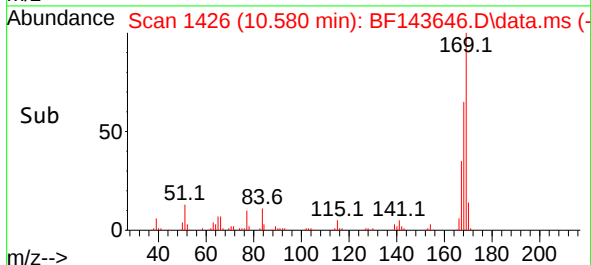
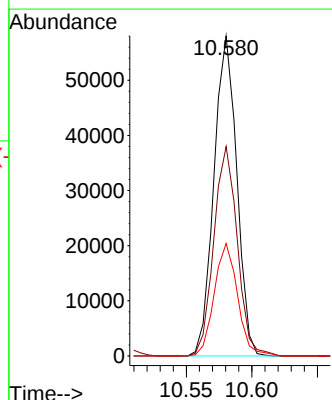
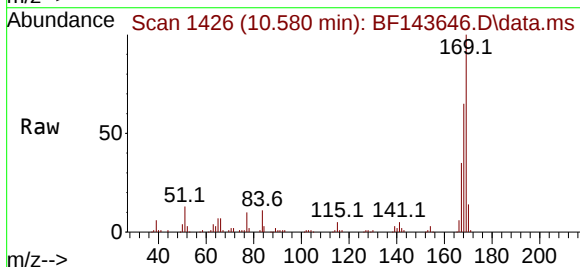
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

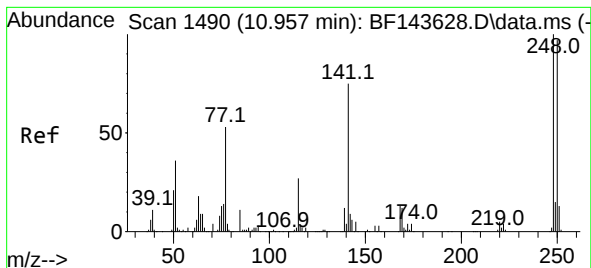
Tgt Ion:198 Resp: 6521
Ion Ratio Lower Upper
198 100
51 51.5 30.7 70.7
105 49.4 26.0 66.0



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

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

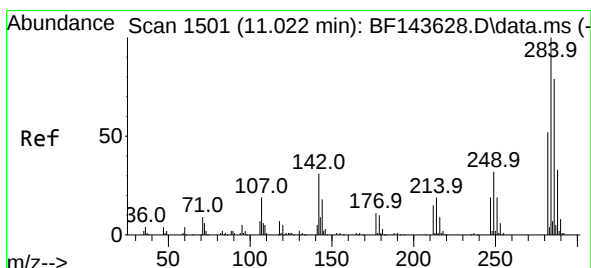
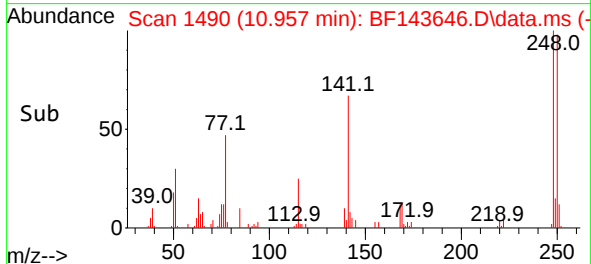
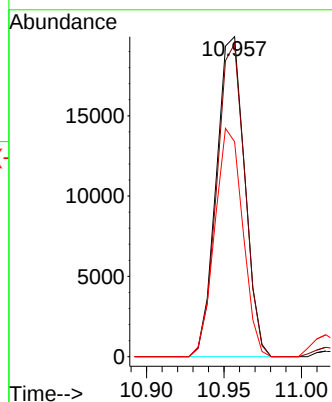
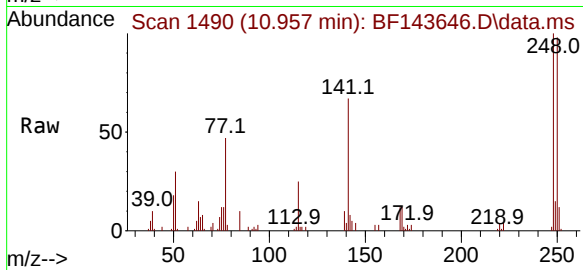




#67
4-Bromophenyl-phenylether
Concen: 7.778 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

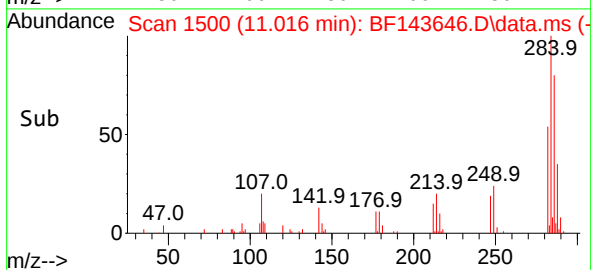
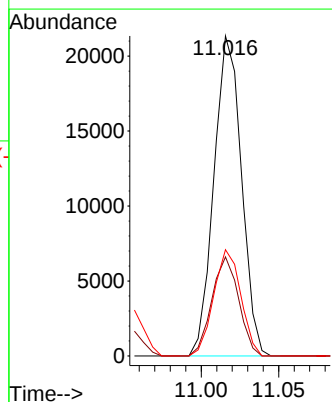
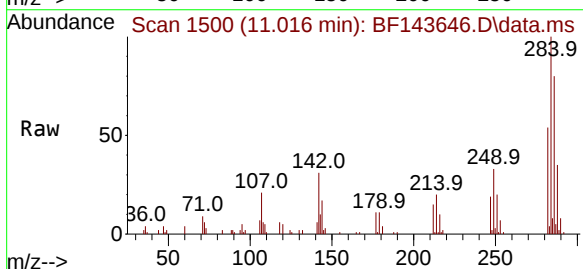
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

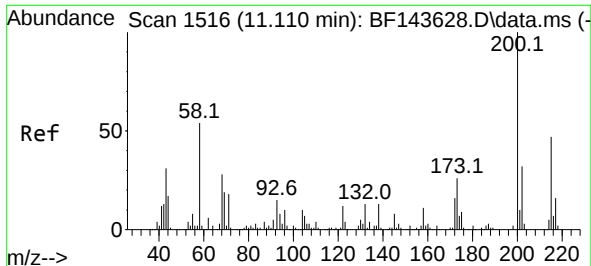
Tgt Ion:248 Resp: 25412
Ion Ratio Lower Upper
248 100
250 97.8 77.6 116.4
141 67.2 60.1 90.1



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

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

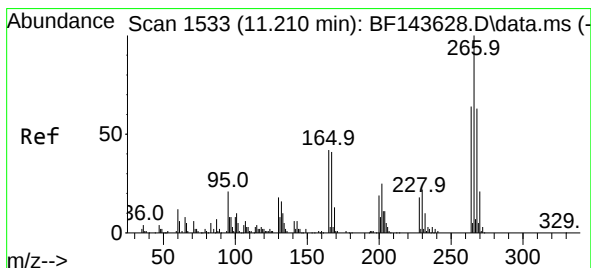
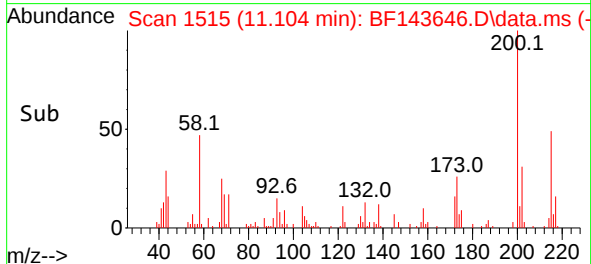
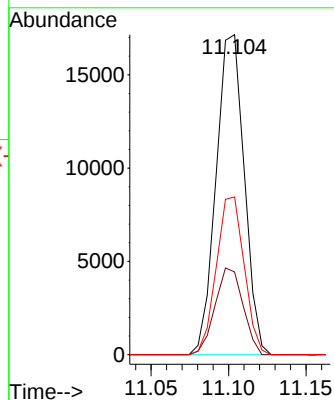
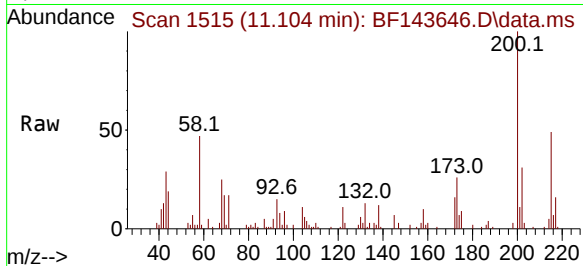




#69
Atrazine
Concen: 7.986 ng
RT: 11.104 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

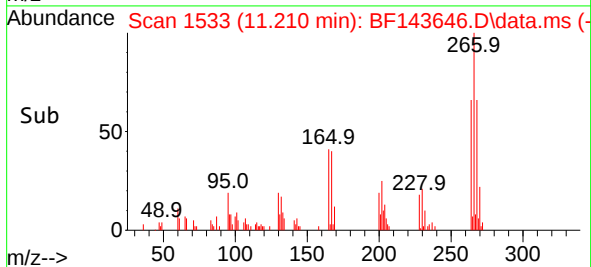
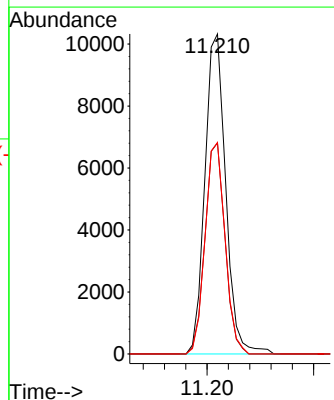
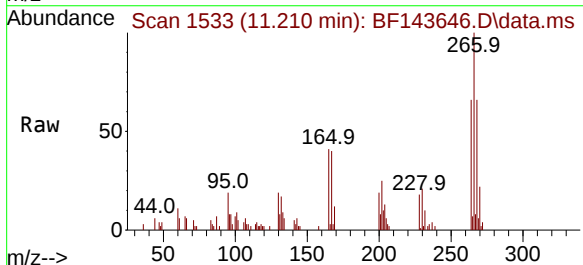
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

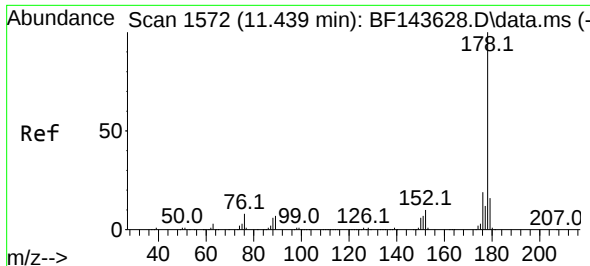
Tgt Ion:200 Resp: 21707
Ion Ratio Lower Upper
200 100
173 25.8 6.4 46.4
215 49.3 26.9 66.9



#70
Pentachlorophenol
Concen: 7.274 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.000 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

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

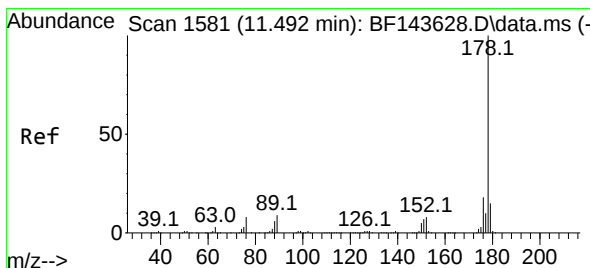
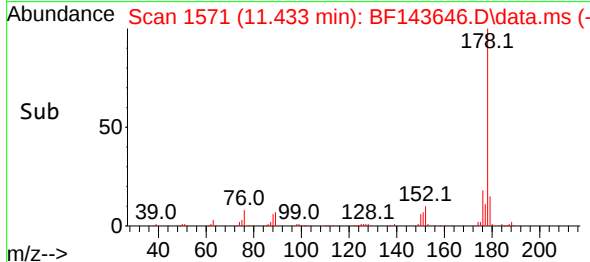
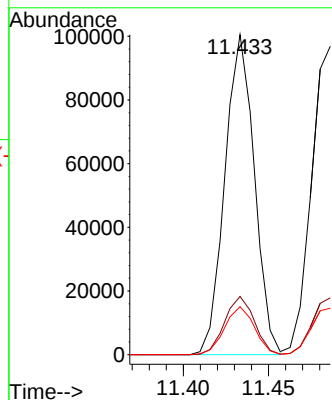
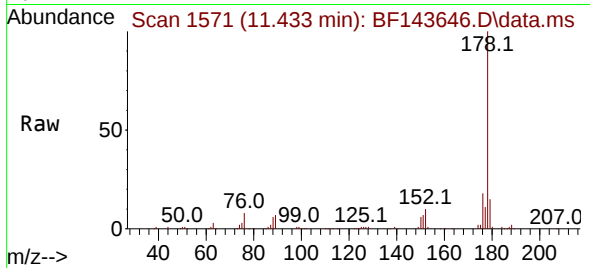




#71
Phenanthrene
Concen: 7.938 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

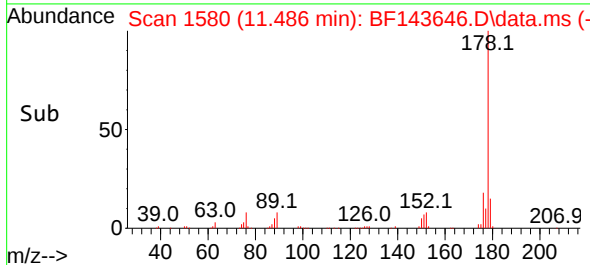
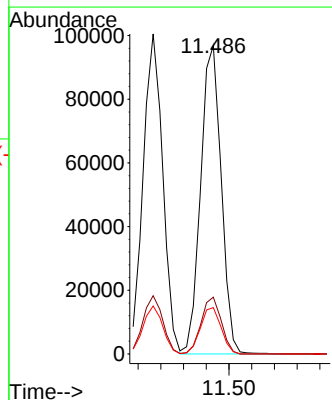
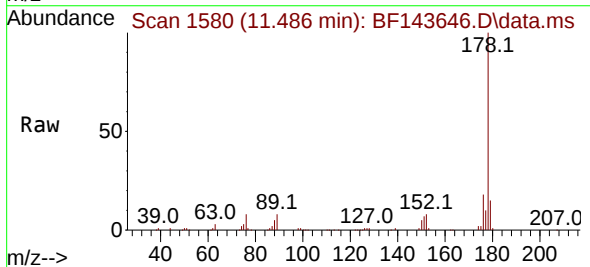
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

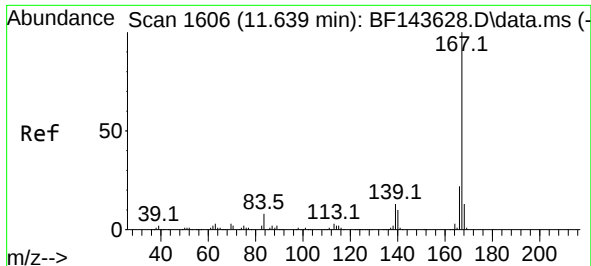
Tgt Ion:178 Resp: 120917
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 15.0 12.4 18.6



#72
Anthracene
Concen: 7.970 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

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

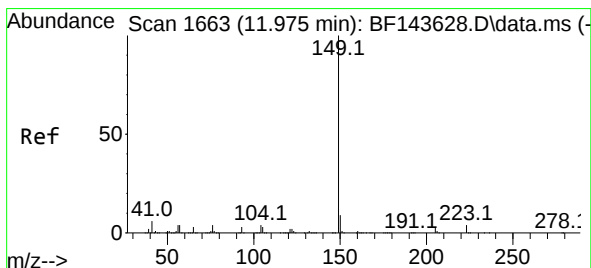
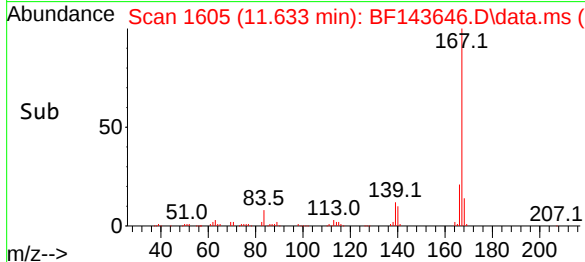
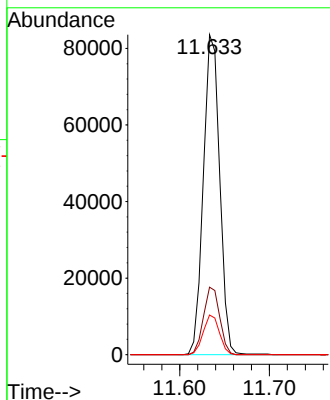
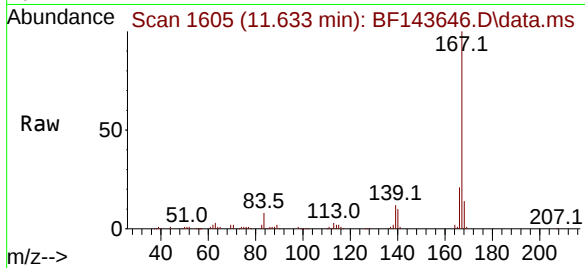




#73
 Carbazole
 Concen: 8.211 ng
 RT: 11.633 min Scan# 1605
 Delta R.T. -0.006 min
 Lab File: BF143646.D
 Acq: 04 Sep 2025 16:12

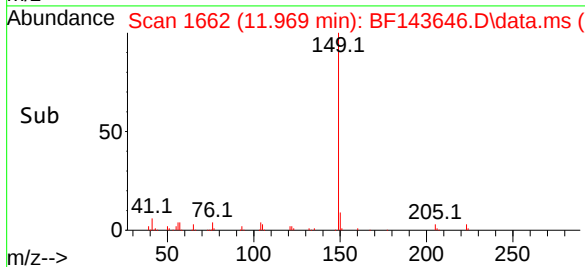
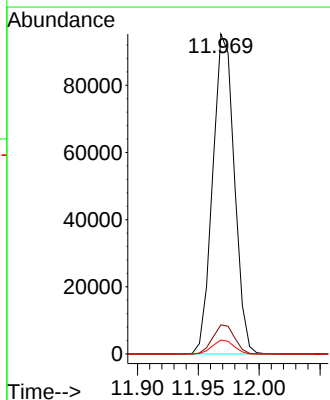
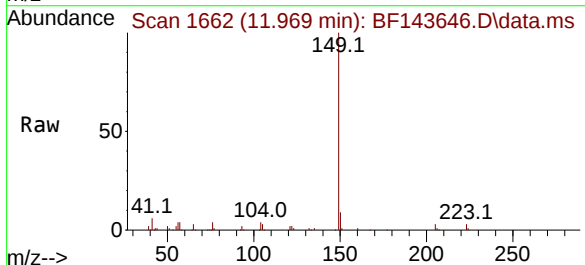
Instrument : BNA_F
 ClientSampleId : LOD-MDL-WATER-01-QT3-2025

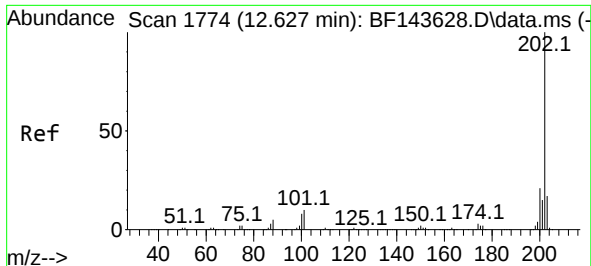
Tgt Ion:167 Resp: 105734
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.3 25.9
 139 12.4 10.3 15.5



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

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

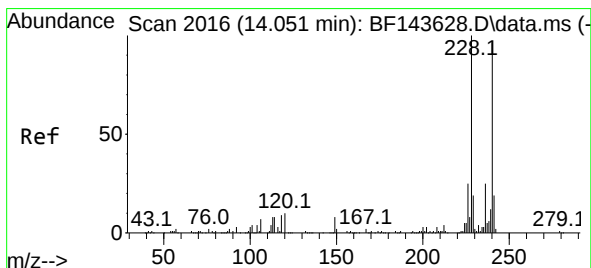
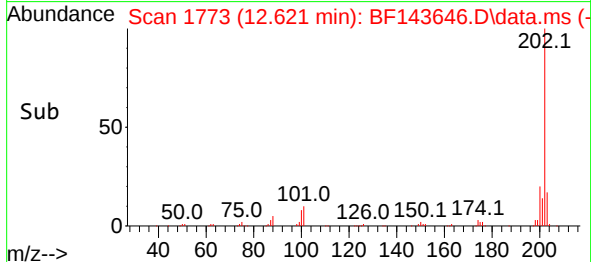
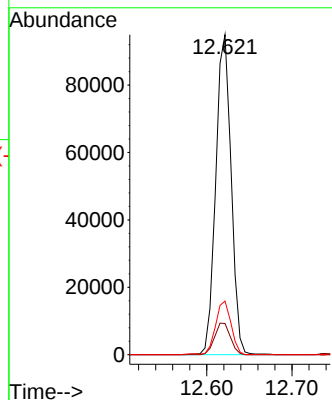
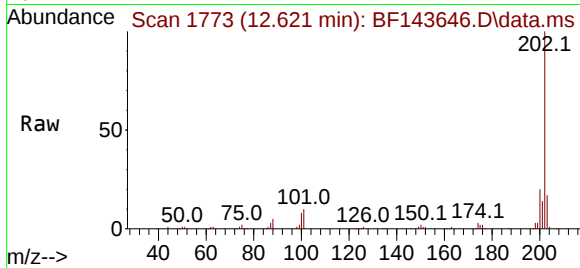




#75
Fluoranthene
Concen: 8.508 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

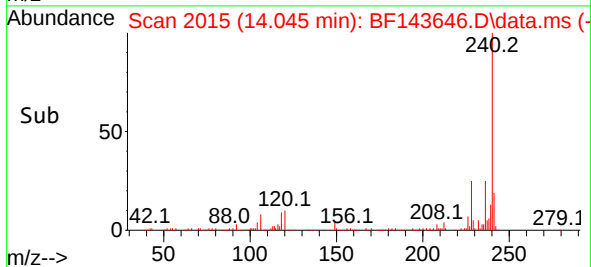
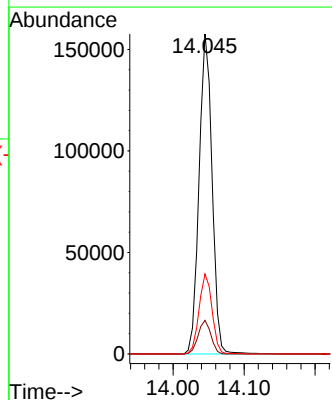
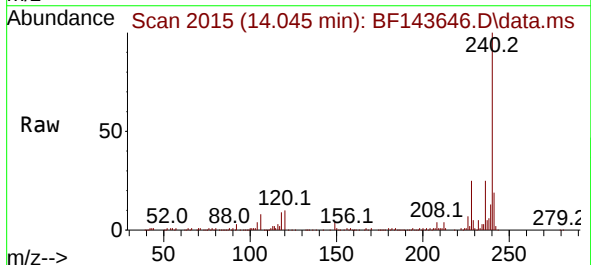
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

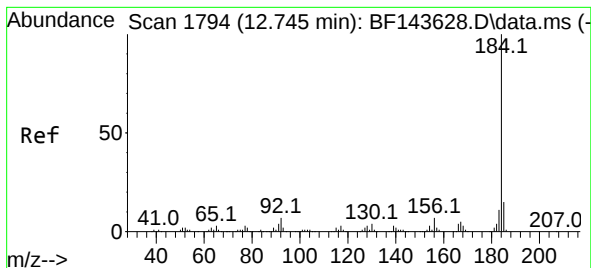
Tgt Ion:202 Resp: 119026
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.3
203 16.7 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

Tgt Ion:240 Resp: 201053
Ion Ratio Lower Upper
240 100
120 10.5 8.0 12.0
236 25.0 20.5 30.7





#77

Benzidine

Concen: 11.809 ng

RT: 12.739 min Scan# 1793

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

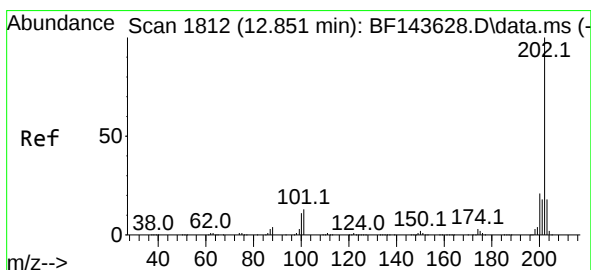
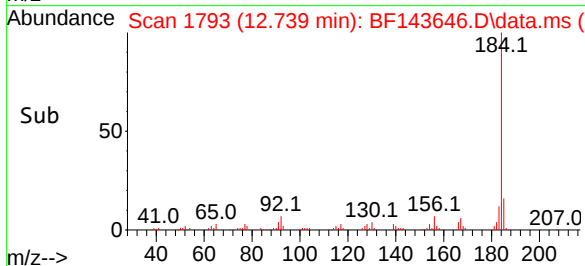
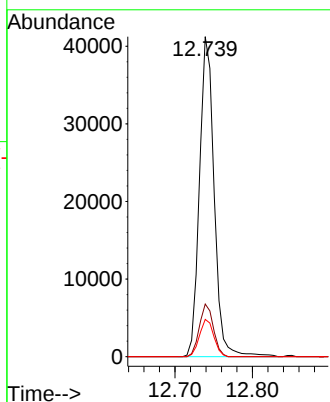
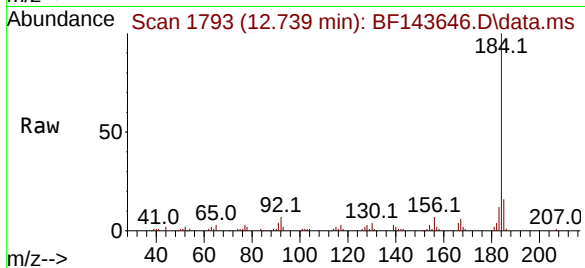
Tgt Ion:184 Resp: 54320

Ion Ratio Lower Upper

184 100

185 16.4 11.8 17.6

183 11.6 9.0 13.6



#78

Pyrene

Concen: 7.193 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

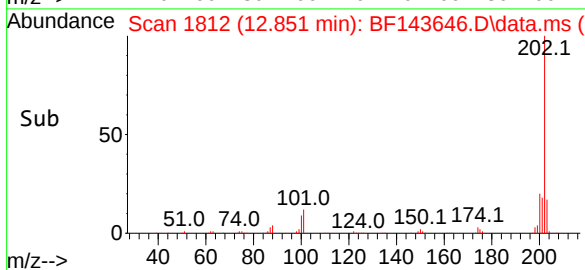
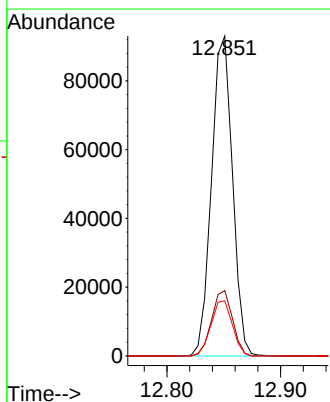
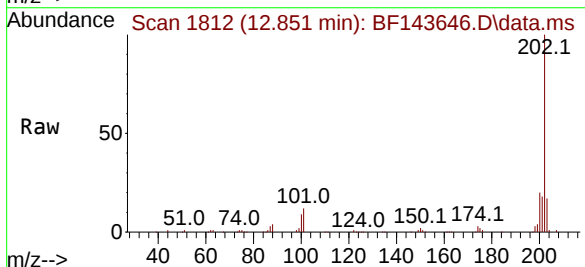
Tgt Ion:202 Resp: 119341

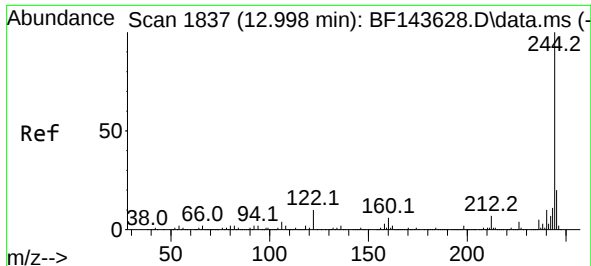
Ion Ratio Lower Upper

202 100

200 20.4 16.7 25.1

203 17.3 14.0 21.0

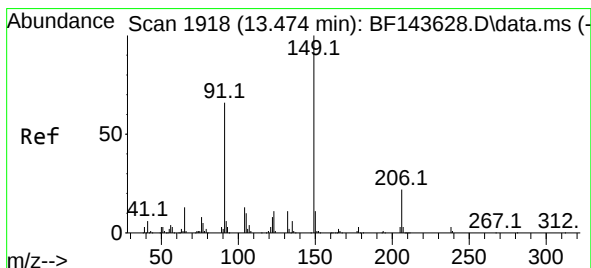
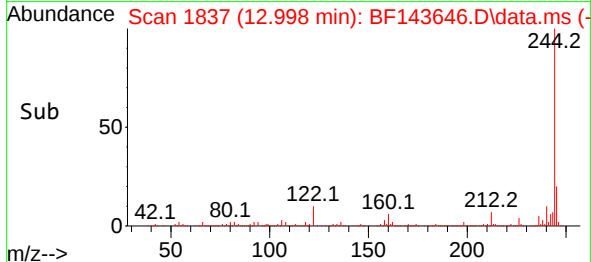
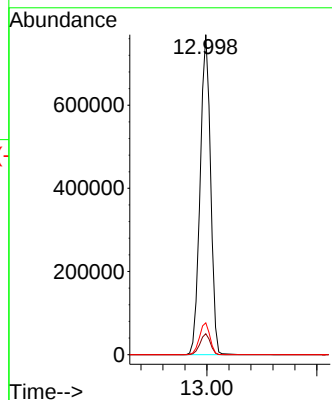
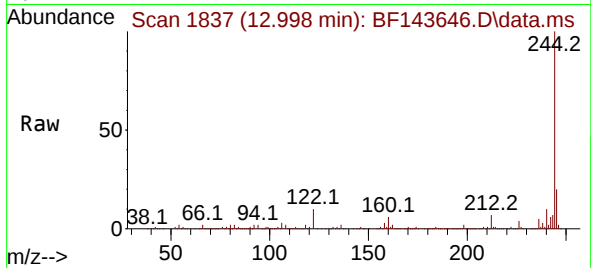




#79
 Terphenyl-d14
 Concen: 84.160 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143646.D
 Acq: 04 Sep 2025 16:12

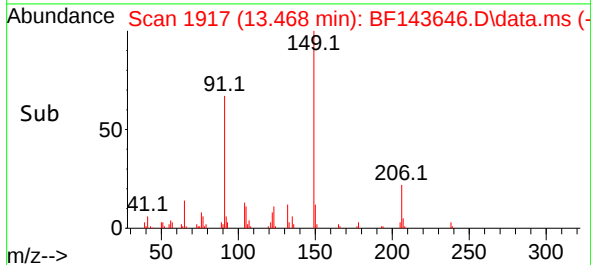
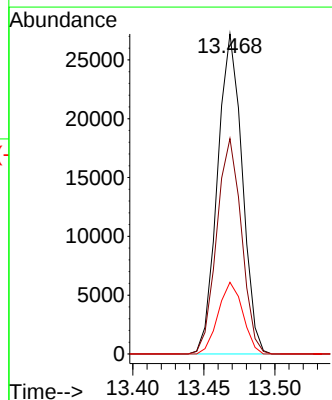
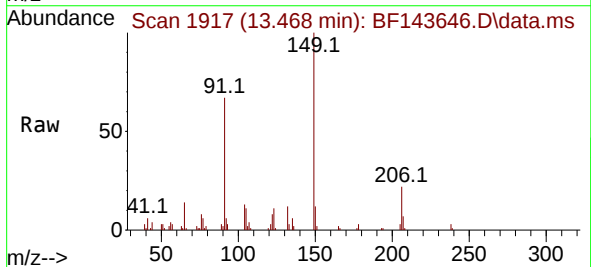
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

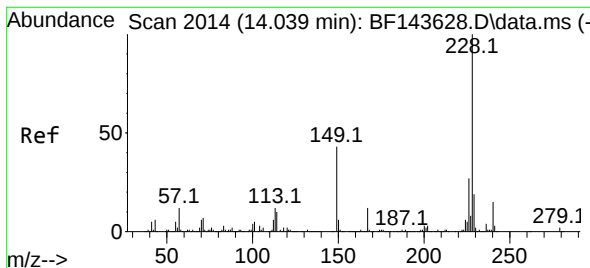
Tgt Ion:244 Resp: 1015504
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 9.9 8.3 12.5



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

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





#81

Benzo(a)anthracene

Concen: 7.346 ng

RT: 14.033 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF143646.D

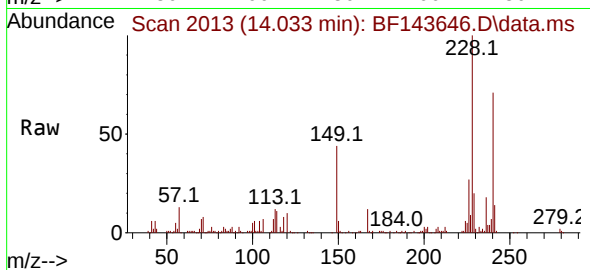
Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



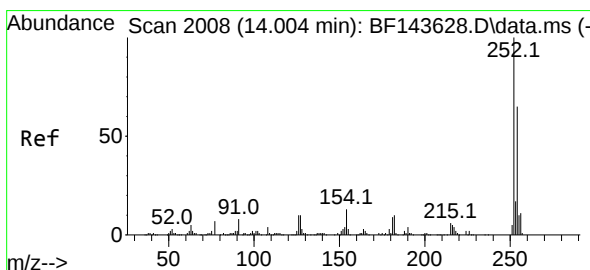
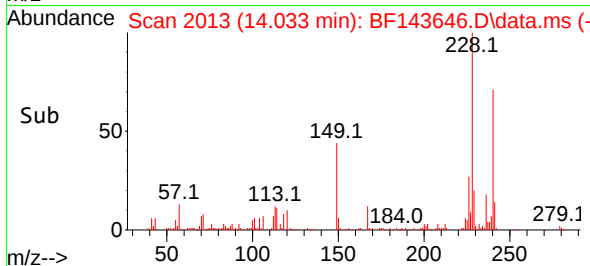
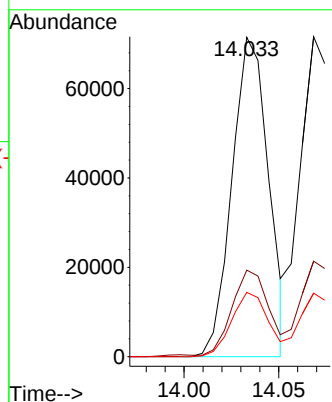
Tgt Ion:228 Resp: 95667

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

229 20.2 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 8.009 ng

RT: 13.998 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

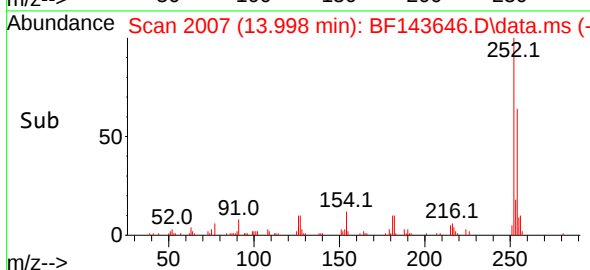
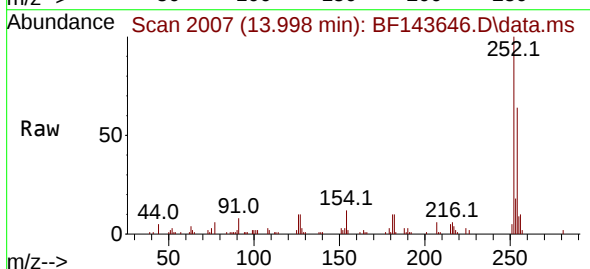
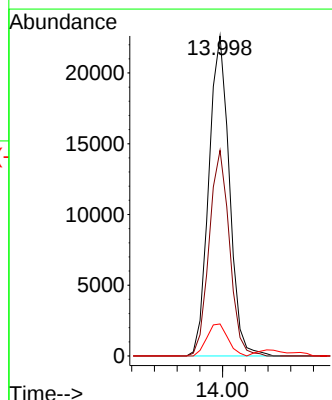
Tgt Ion:252 Resp: 28431

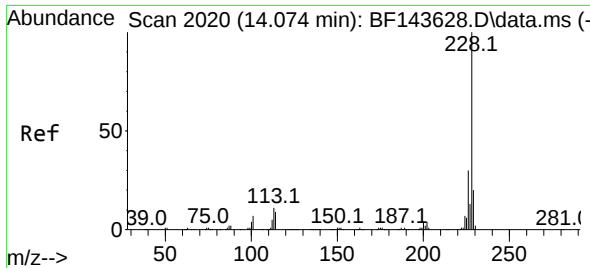
Ion Ratio Lower Upper

252 100

254 64.2 52.2 78.2

126 10.0 8.1 12.1

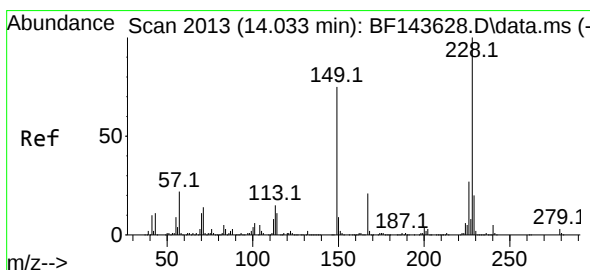
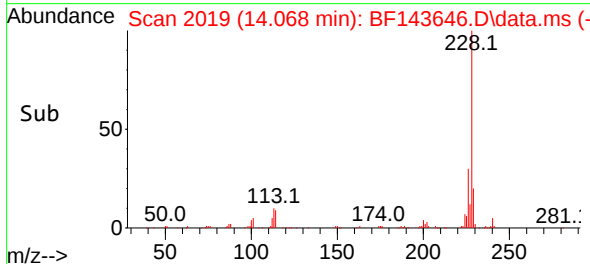
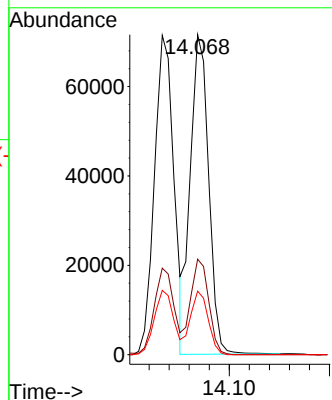
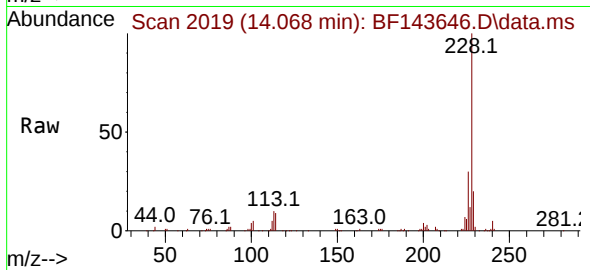




#83
Chrysene
Concen: 7.768 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

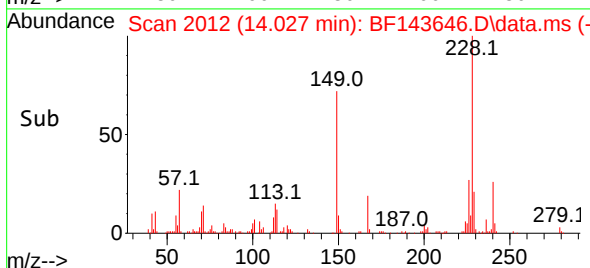
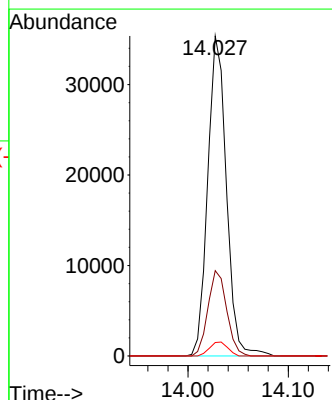
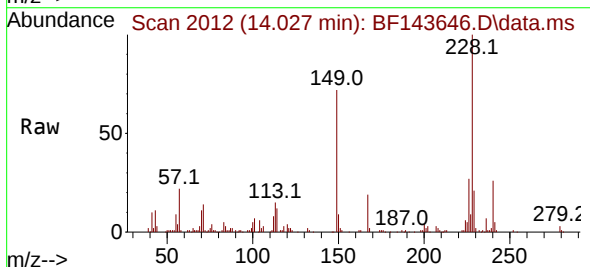
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

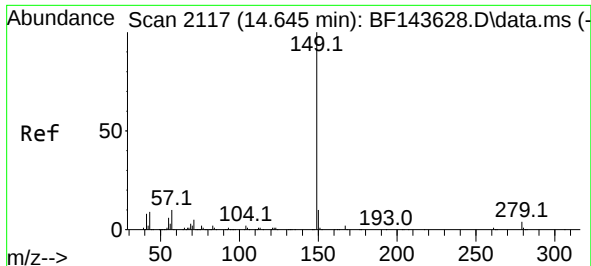
Tgt Ion:228	Resp: 90935
Ion Ratio	Lower Upper
228	100
226	29.8 23.8 35.6
229	19.8 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.700 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

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

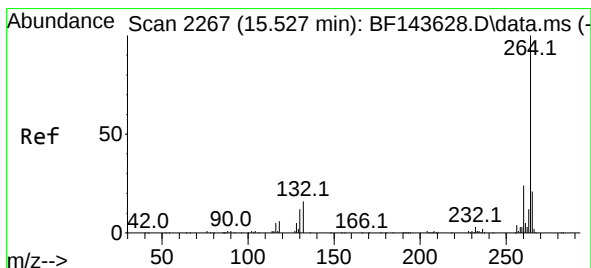
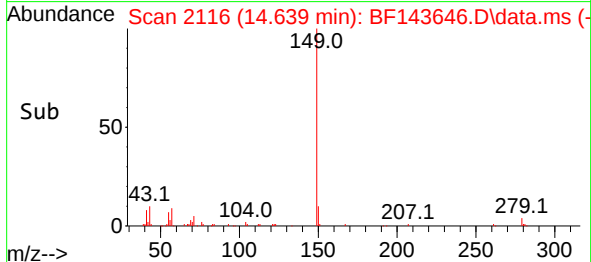
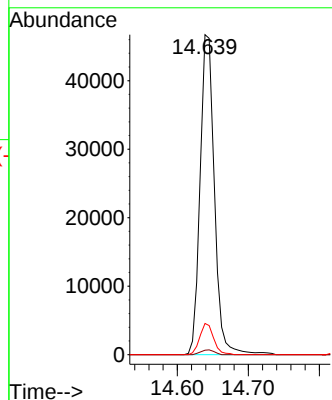
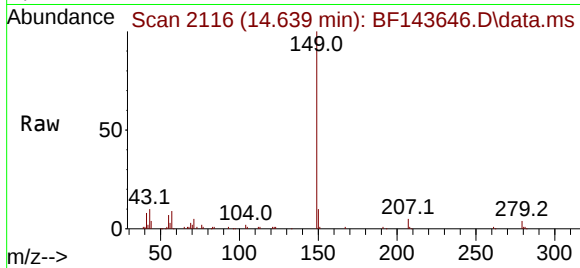




#85
Di-n-octyl phthalate
Concen: 5.524 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

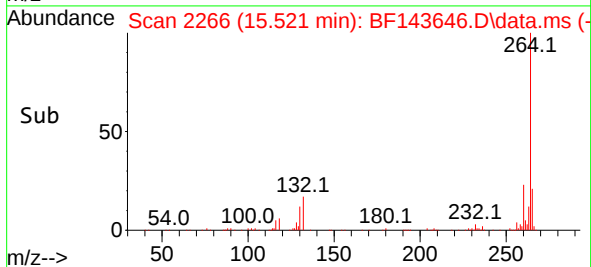
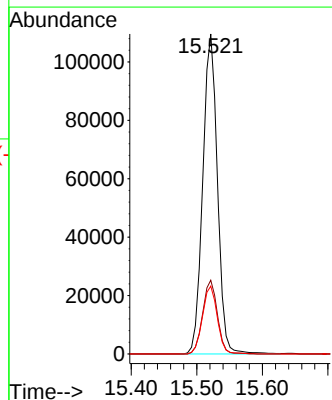
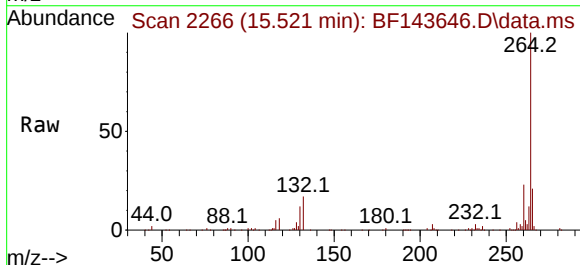
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

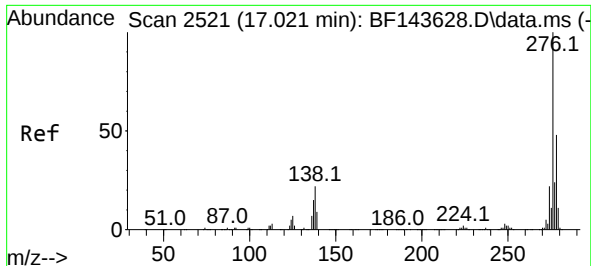
Tgt Ion:149 Resp: 65894
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 9.4 7.8 11.8



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

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





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.981 ng

RT: 16.998 min Scan# 2117

Delta R.T. -0.024 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

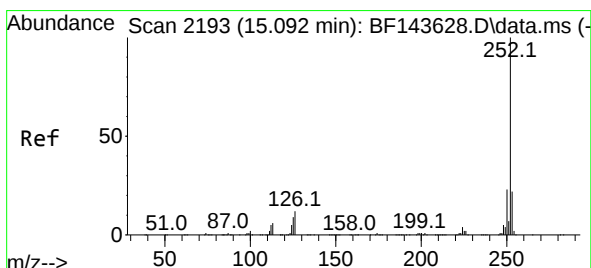
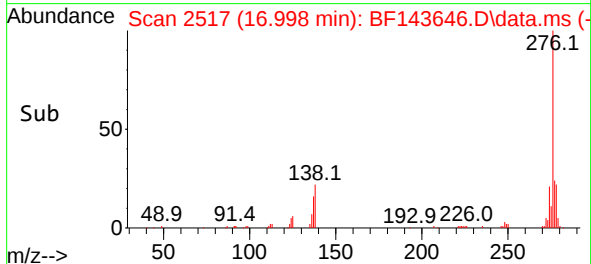
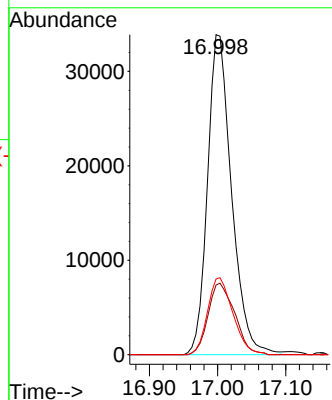
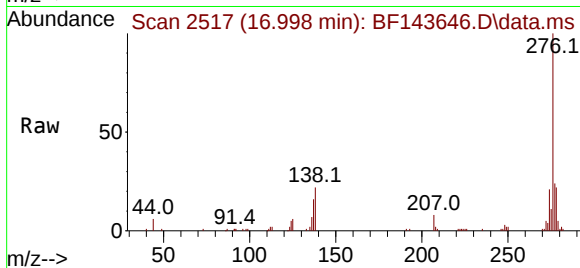
Tgt Ion:276 Resp: 83162

Ion Ratio Lower Upper

276 100

138 24.7 19.8 29.6

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 7.155 ng

RT: 15.086 min Scan# 2192

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

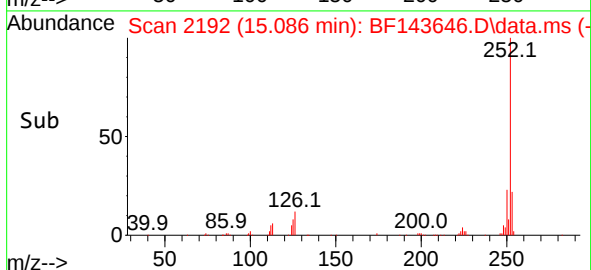
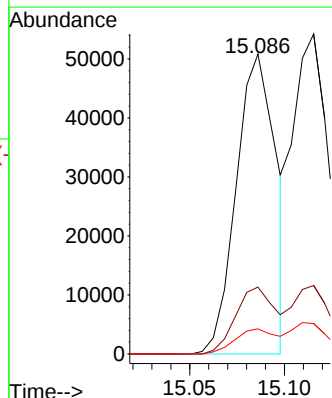
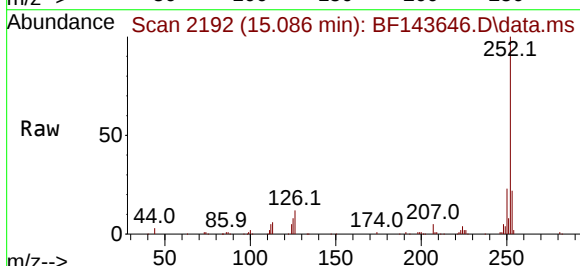
Tgt Ion:252 Resp: 73659

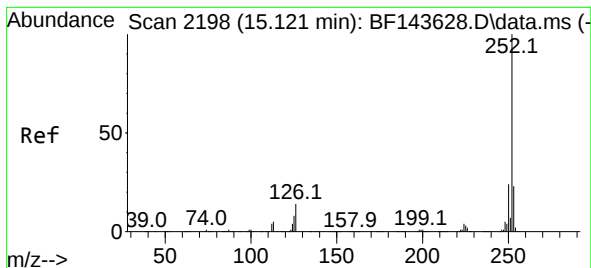
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 8.4 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 8.524 ng

RT: 15.115 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

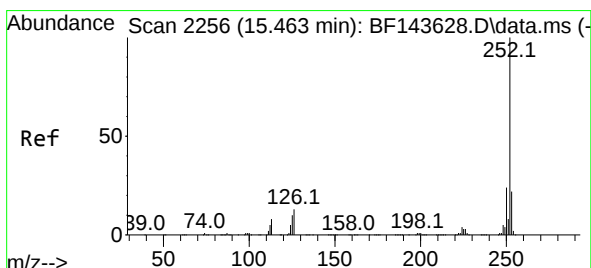
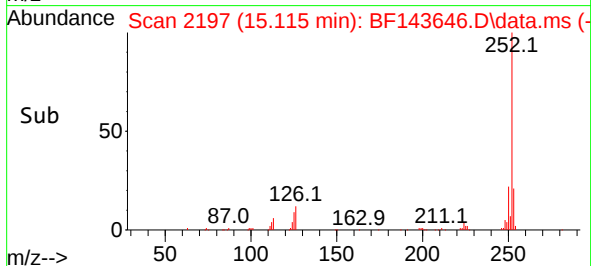
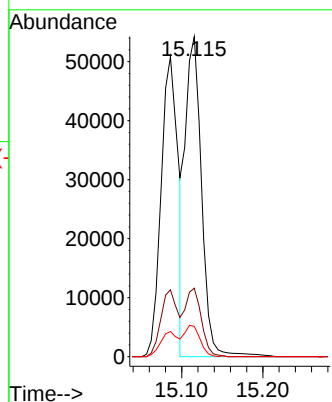
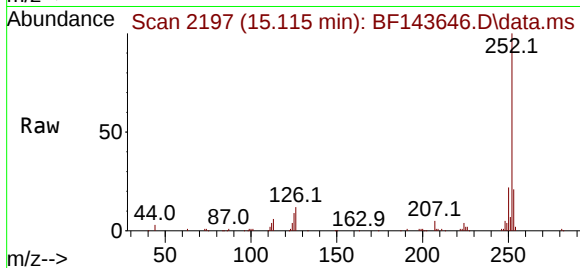
Tgt Ion:252 Resp: 75889

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

125 9.5 7.3 10.9



#90

Benzo(a)pyrene

Concen: 7.993 ng

RT: 15.457 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF143646.D

Acq: 04 Sep 2025 16:12

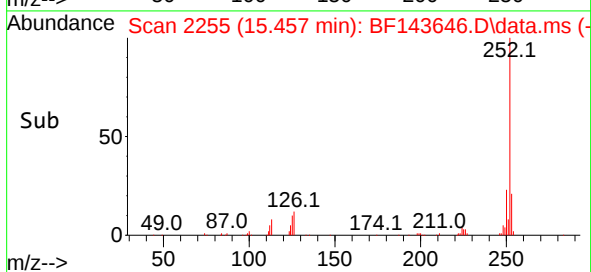
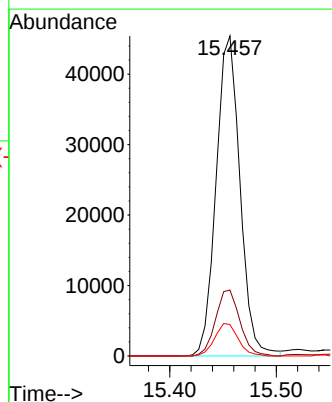
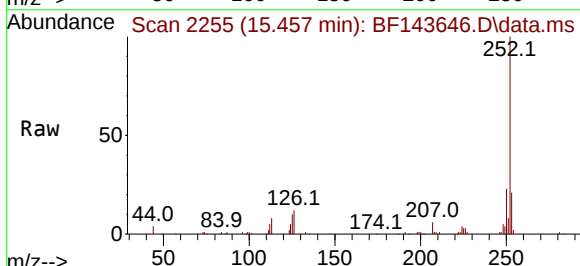
Tgt Ion:252 Resp: 70737

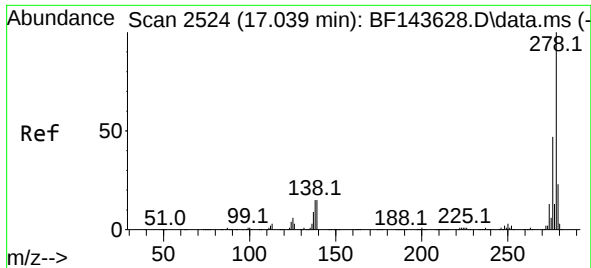
Ion Ratio Lower Upper

252 100

253 20.6 17.4 26.2

125 9.8 8.3 12.5

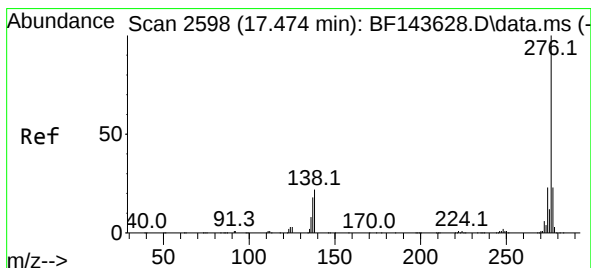
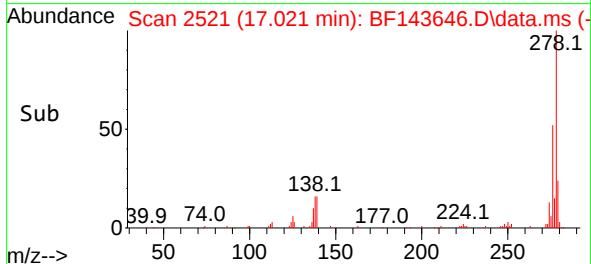
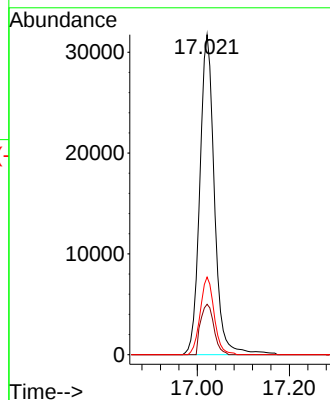
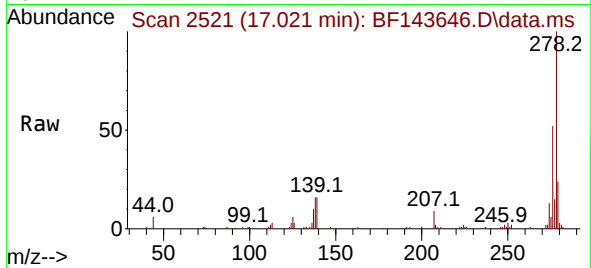




#91
Dibenzo(a,h)anthracene
Concen: 7.151 ng
RT: 17.021 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143646.D
Acq: 04 Sep 2025 16:12

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

Tgt Ion:278 Resp: 70063
Ion Ratio Lower Upper
278 100
139 15.8 12.4 18.6
279 24.2 18.7 28.1



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

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

