

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
 Data File : BF144474.D
 Acq On : 15 Dec 2025 15:09
 Operator : RC/JU
 Sample : Q3530-08
 Misc : LOQ-WATER-2.5NG
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Quant Time: Dec 15 15:30:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 12 15:57:03 2025
 Response via : Initial Calibration

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

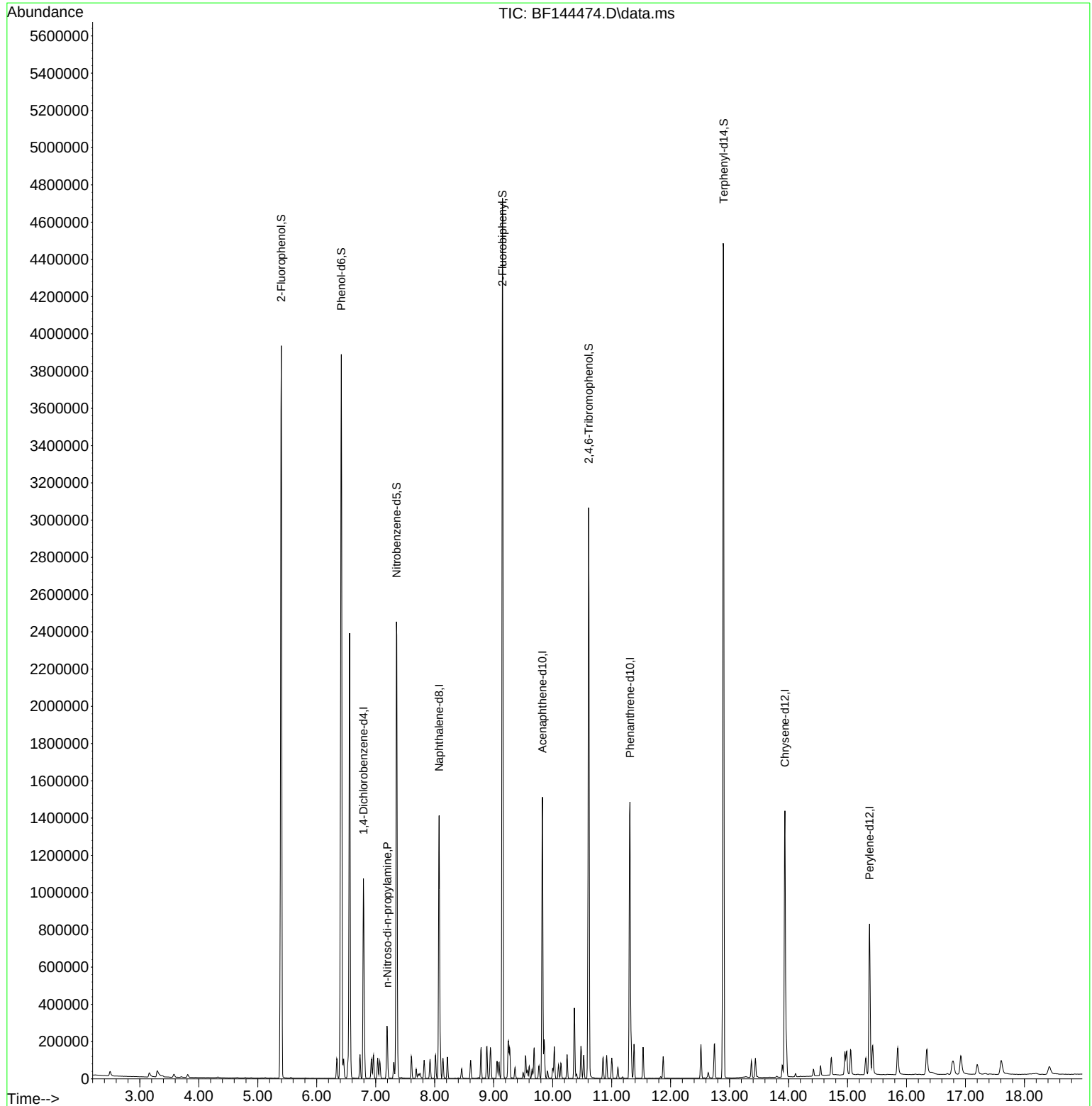
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	216554	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	839039	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	443815	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	753747	20.000	ng	0.00
76) Chrysene-d12	13.939	240	607213	20.000	ng	0.00
86) Perylene-d12	15.374	264	462540	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1605554	111.791	ng	0.00
7) Phenol-d6	6.416	99	2004478	111.893	ng	0.00
23) Nitrobenzene-d5	7.351	82	1100725	82.095	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	533438	132.944	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2020799	69.850	ng	0.00
79) Terphenyl-d14	12.898	244	2231581	58.022	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.198	70	23895	2.112	ng	Qvalue 97

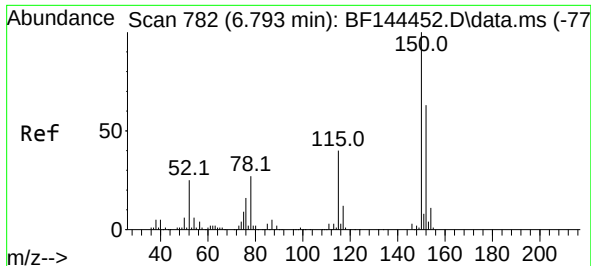
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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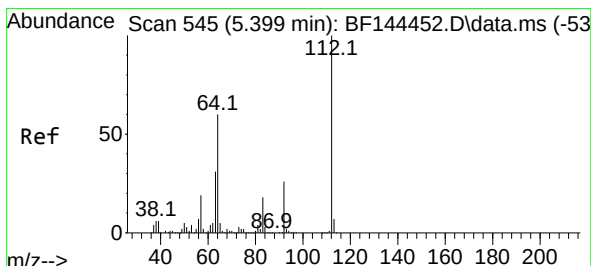
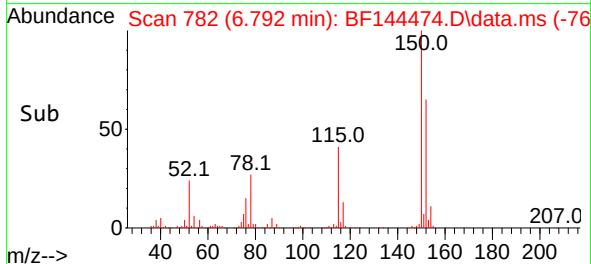
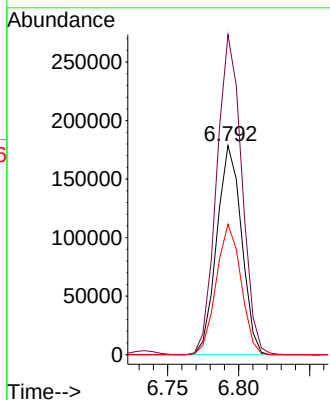
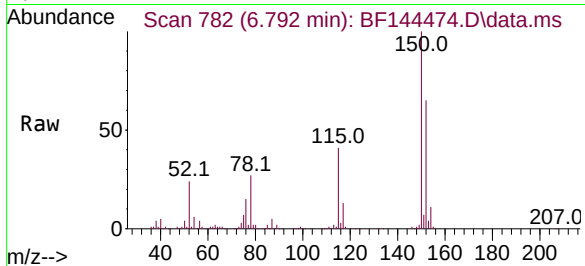




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 782
Delta R.T. -0.001 min
Lab File: BF144474.D
Acq: 15 Dec 2025 15:09

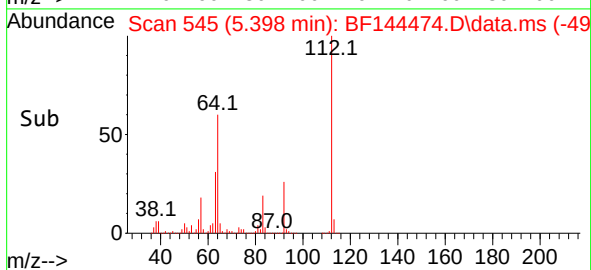
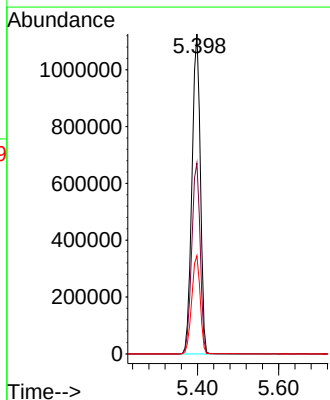
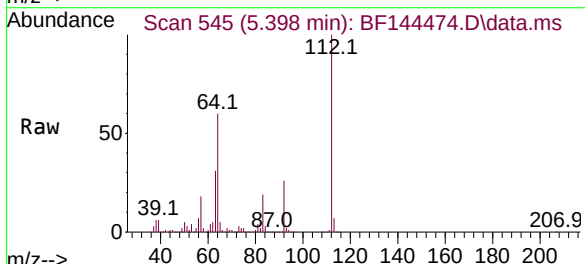
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

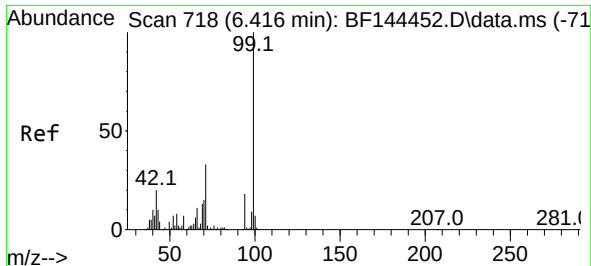
Tgt Ion:152 Resp: 216554
Ion Ratio Lower Upper
152 100
150 153.1 127.4 191.2
115 62.3 51.4 77.0



#5
2-Fluorophenol
Concen: 111.791 ng
RT: 5.398 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF144474.D
Acq: 15 Dec 2025 15:09

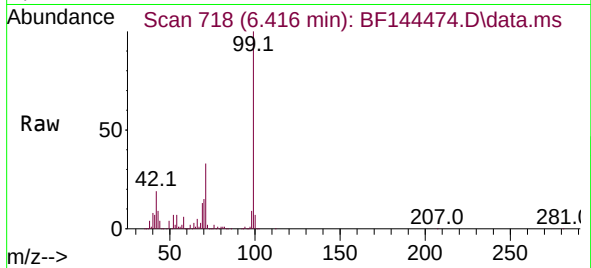
Tgt Ion:112 Resp: 1605554
Ion Ratio Lower Upper
112 100
64 59.6 47.8 71.6
63 30.7 24.6 37.0





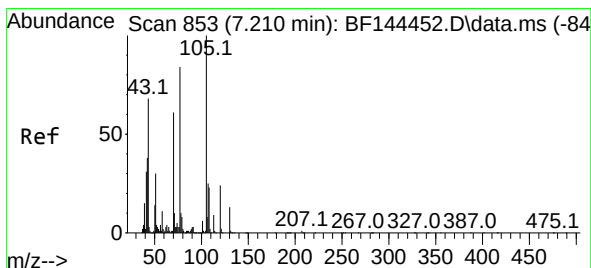
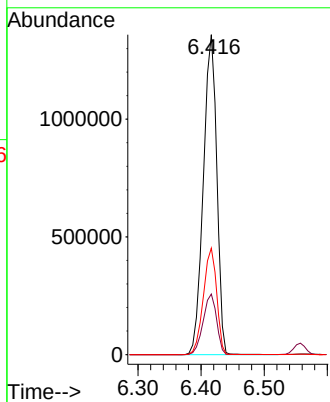
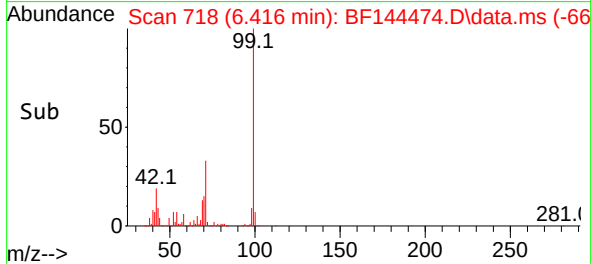
#7
Phenol-d6
Concen: 111.893 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF144474.D
Acq: 15 Dec 2025 15:09

Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2025

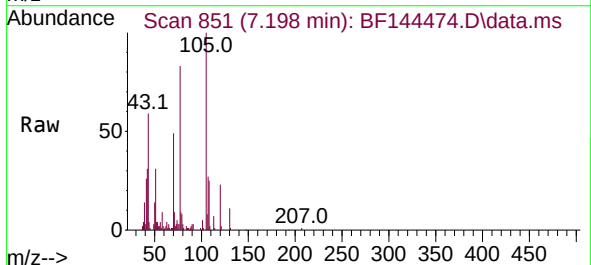


Tgt Ion: 99 Resp: 2004478

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.7	23.5
71	33.3	26.4	39.6

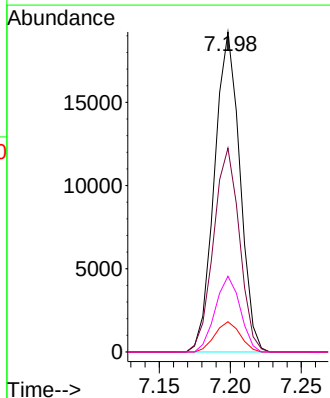
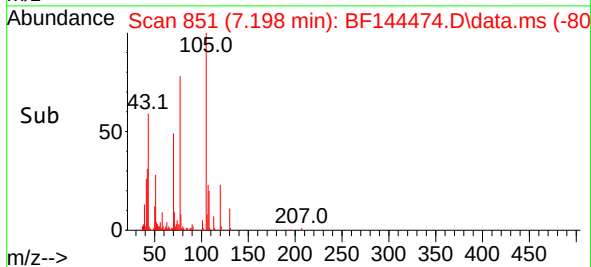


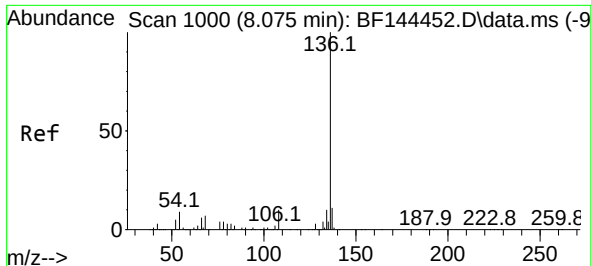
#19
n-Nitroso-di-n-propylamine
Concen: 2.112 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF144474.D
Acq: 15 Dec 2025 15:09



Tgt Ion: 70 Resp: 23895

Ion	Ratio	Lower	Upper
70	100		
42	63.7	49.4	74.0
101	9.4	7.8	11.6
130	23.6	17.5	26.3

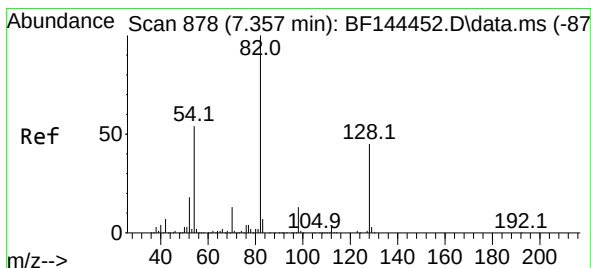
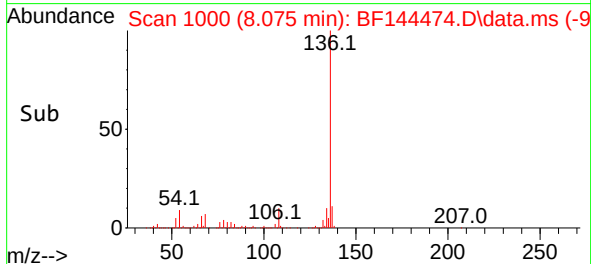
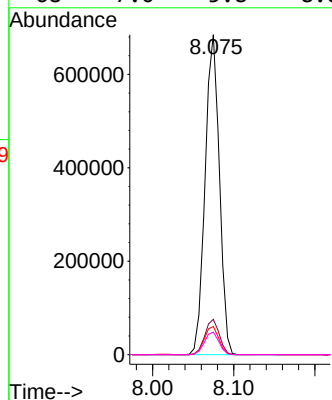
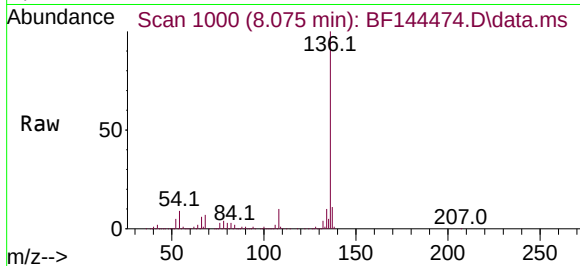




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144474.D
Acq: 15 Dec 2025 15:09

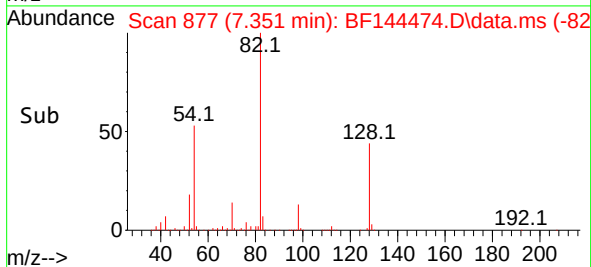
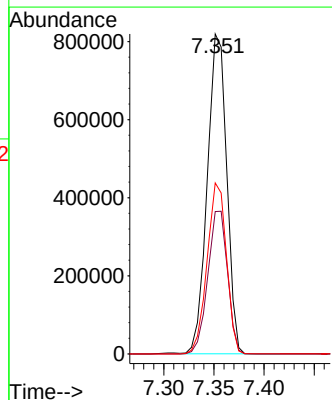
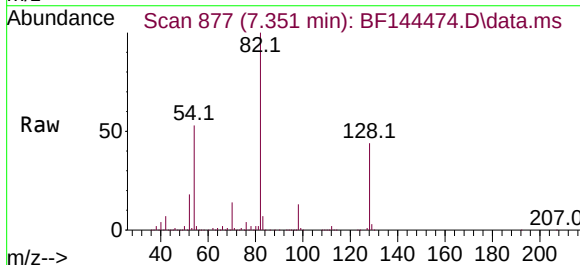
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

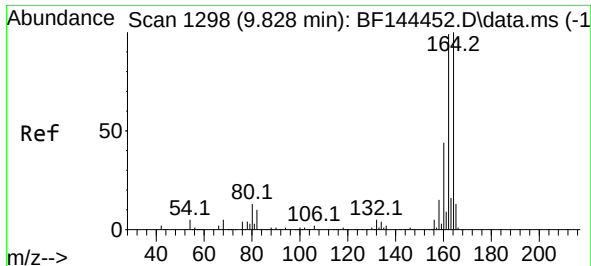
Tgt Ion:136	Resp: 839039
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 8.8	7.5 11.3
68 7.0	5.8 8.8



#23
Nitrobenzene-d5
Concen: 82.095 ng
RT: 7.351 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF144474.D
Acq: 15 Dec 2025 15:09

Tgt Ion: 82		Resp: 1100725	
Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.5	53.3
54	53.4	43.3	64.9

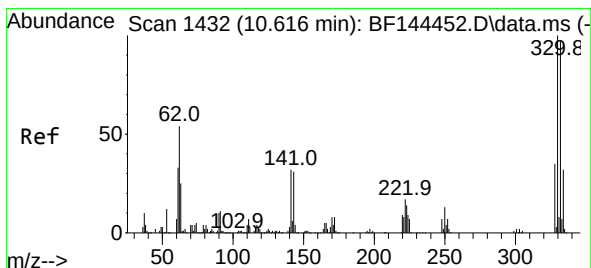
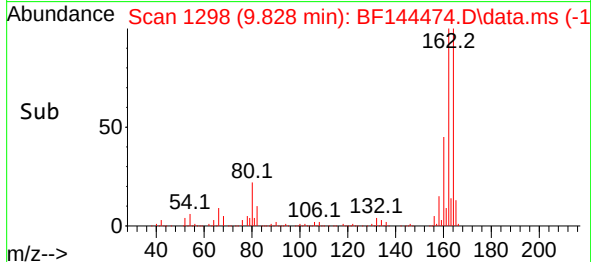
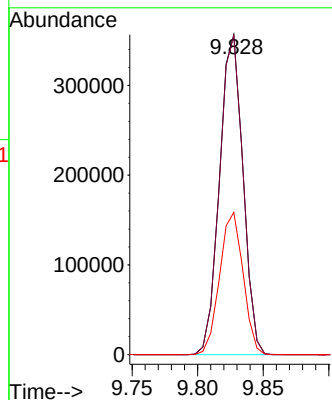
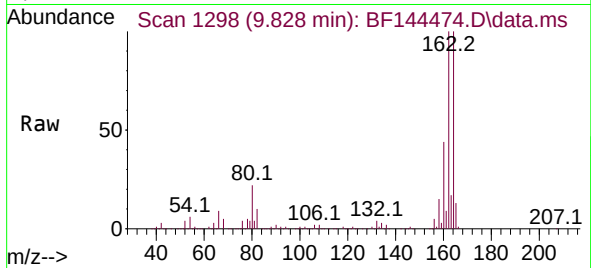




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144474.D
Acq: 15 Dec 2025 15:09

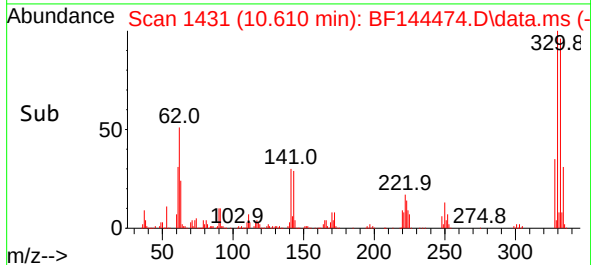
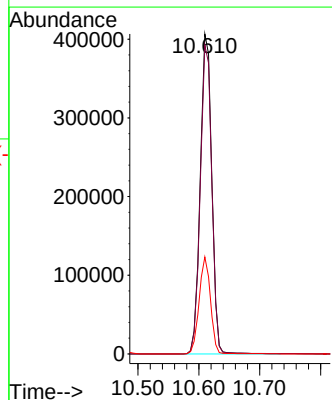
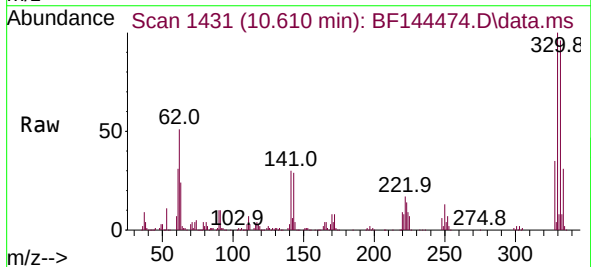
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

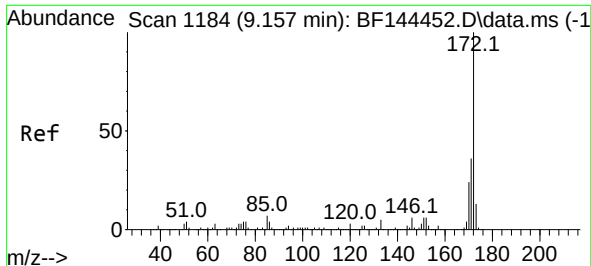
Tgt Ion:164 Resp: 443815
Ion Ratio Lower Upper
164 100
162 99.7 79.2 118.8
160 44.4 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 132.944 ng
RT: 10.610 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF144474.D
Acq: 15 Dec 2025 15:09

Tgt Ion:330 Resp: 533438
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 30.0 26.2 39.2

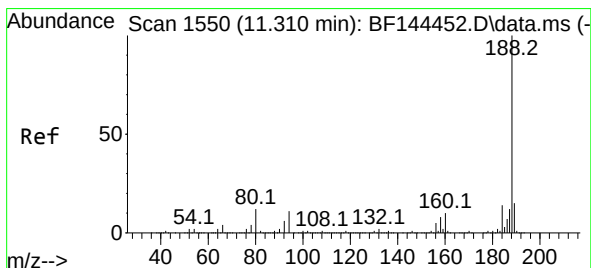
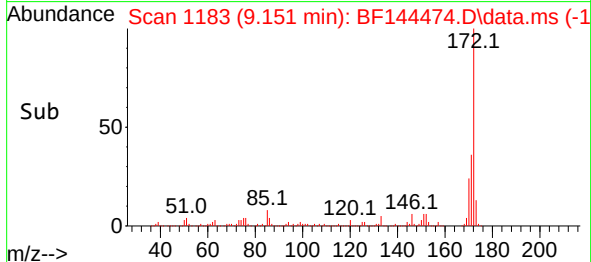
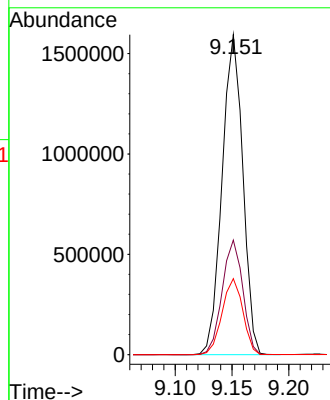
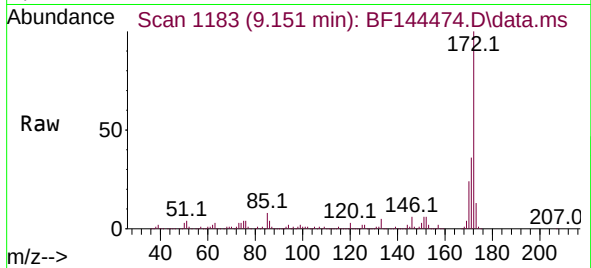




#45
2-Fluorobiphenyl
Concen: 69.850 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF144474.D
Acq: 15 Dec 2025 15:09

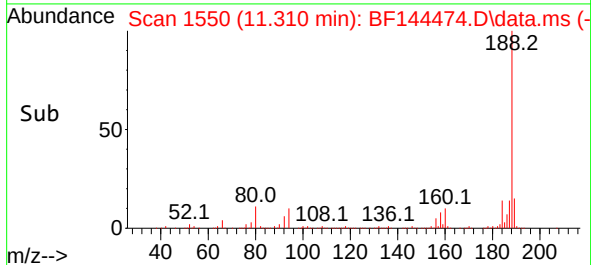
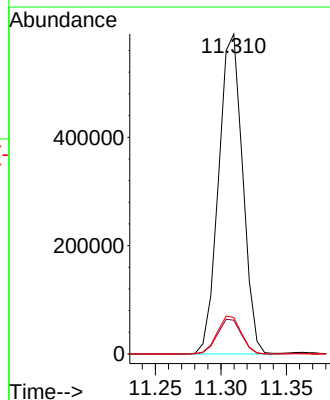
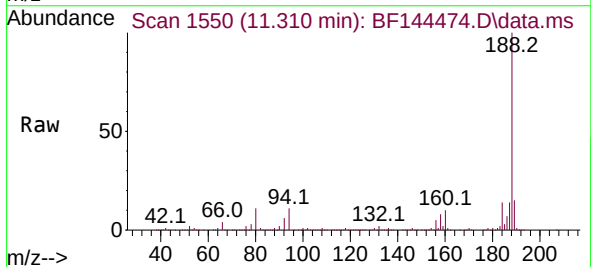
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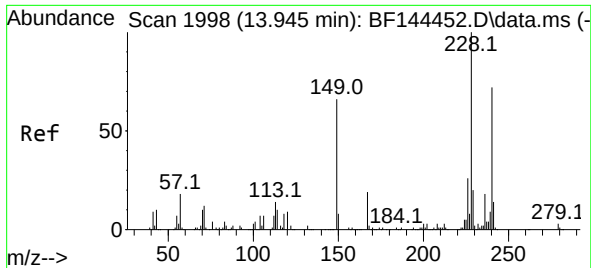
Tgt Ion:172 Resp: 2020799
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.8 19.3 28.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF144474.D
Acq: 15 Dec 2025 15:09

Tgt Ion:188 Resp: 753747
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.6
80 11.4 9.8 14.8

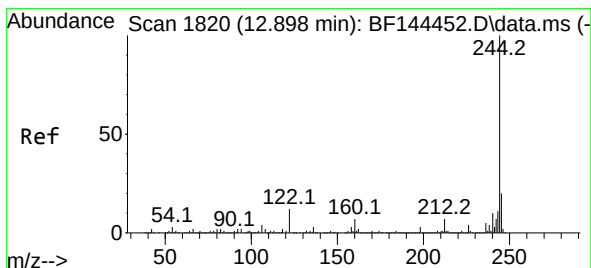
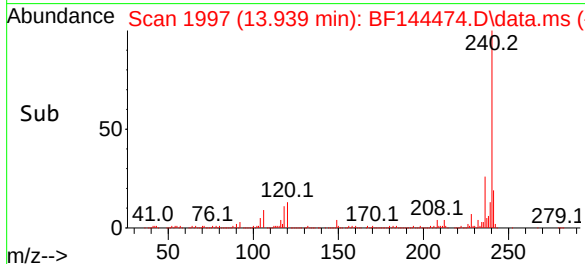
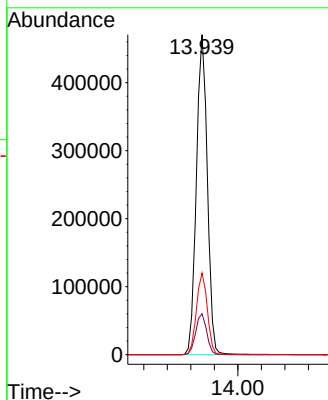
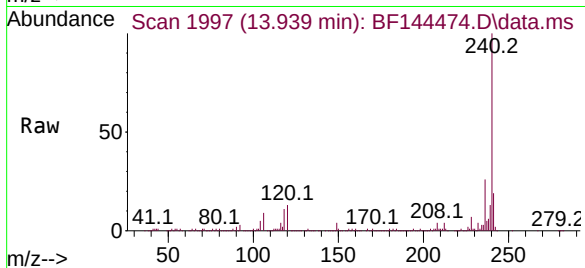




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF144474.D
Acq: 15 Dec 2025 15:09

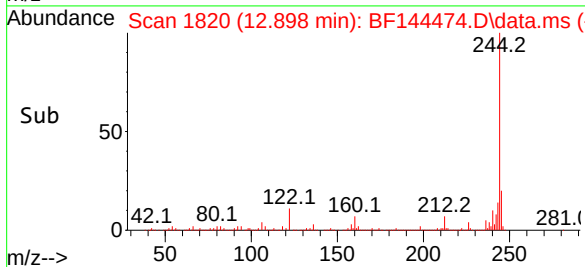
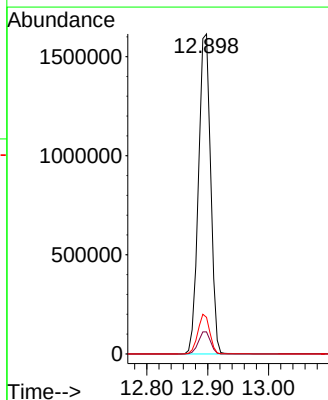
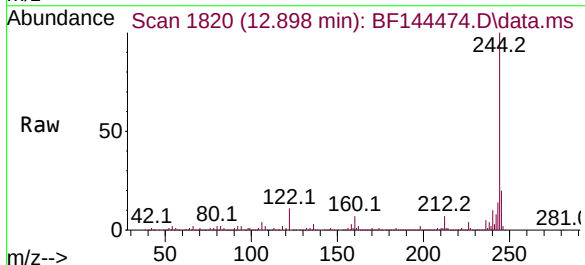
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LOQ-WATER-02-QT4-2025

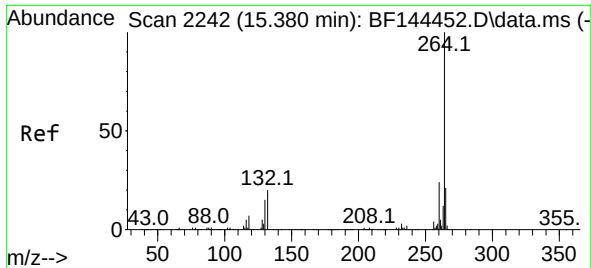
Tgt Ion:240 Resp: 607213
Ion Ratio Lower Upper
240 100
120 12.8 10.3 15.5
236 25.5 20.2 30.4



#79
Terphenyl-d14
Concen: 58.022 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BF144474.D
Acq: 15 Dec 2025 15:09

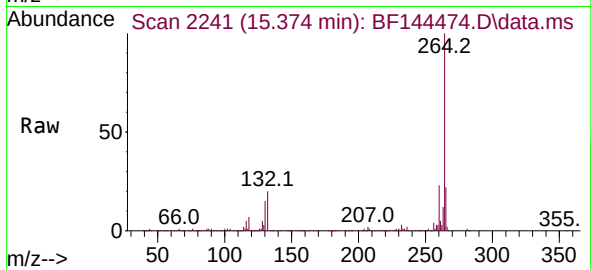
Tgt Ion:244 Resp: 2231581
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 11.4 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.374 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF144474.D
 Acq: 15 Dec 2025 15:09

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2025



Tgt Ion:264 Resp: 462540
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.6 17.1 25.7

