

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
 Data File : BF144473.D
 Acq On : 15 Dec 2025 14:40
 Operator : RC/JU
 Sample : Q3530-07
 Misc : LOD-WATER-2.5NG
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Quant Time: Dec 15 15:00:20 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)

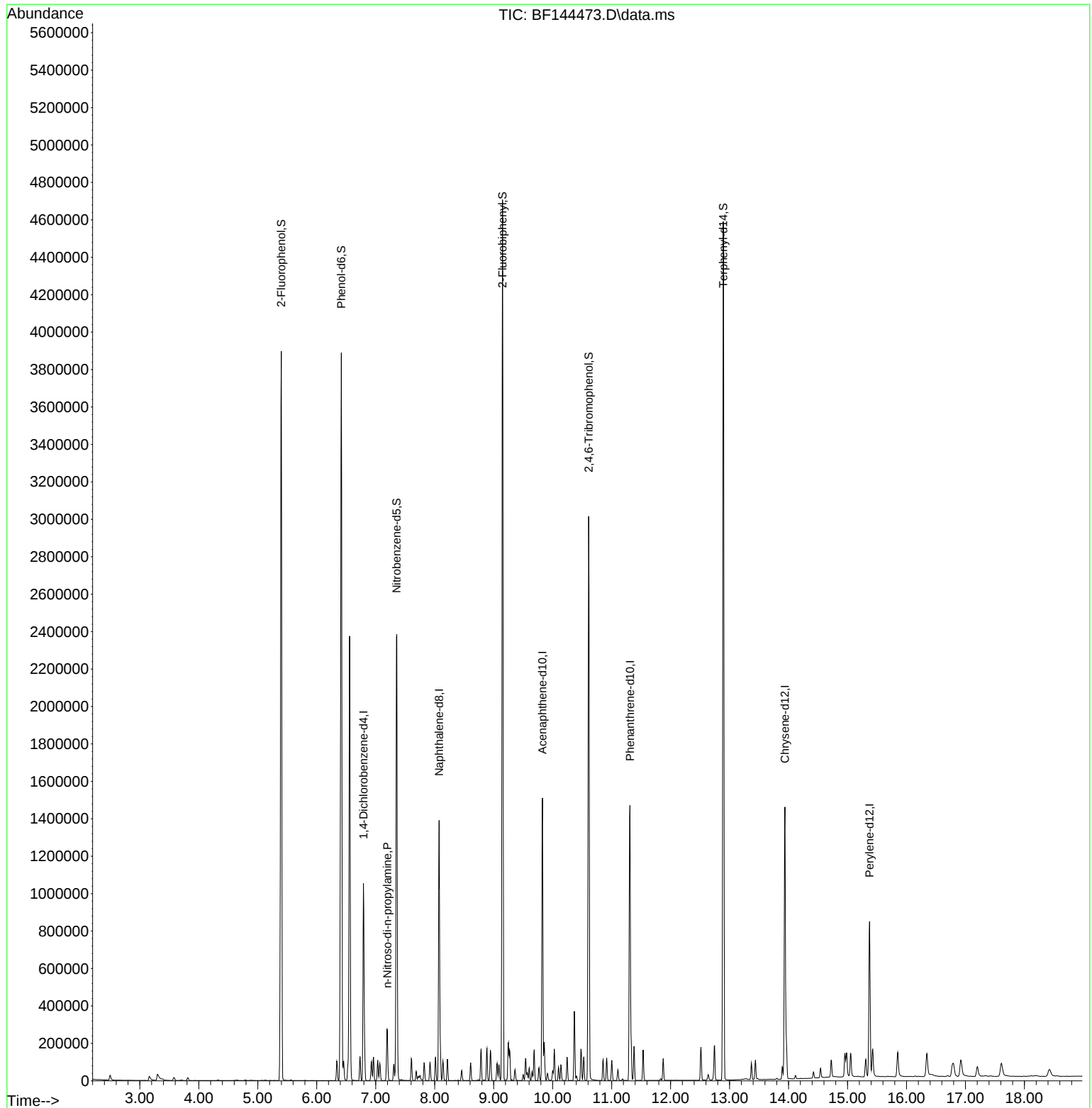
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	213460	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	833142	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	444164	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	747759	20.000	ng	0.00
76) Chrysene-d12	13.939	240	611055	20.000	ng	0.00
86) Perylene-d12	15.374	264	468507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1581573	111.717	ng	0.00
7) Phenol-d6	6.416	99	1991055	112.755	ng	0.00
23) Nitrobenzene-d5	7.351	82	1093555	82.138	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	525401	130.838	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2002396	69.160	ng	0.00
79) Terphenyl-d14	12.892	244	2211293	57.133	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.198	70	23815	2.135	ng	Qvalue 97

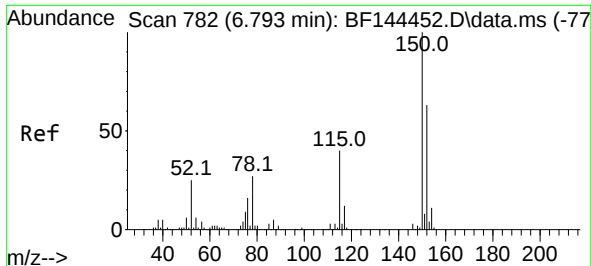
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
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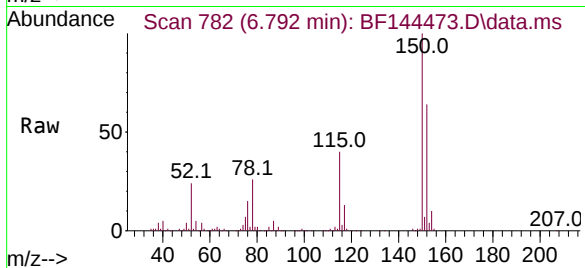
Quant Time: Dec 15 15:00:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 12 15:57:03 2025
Response via : Initial Calibration



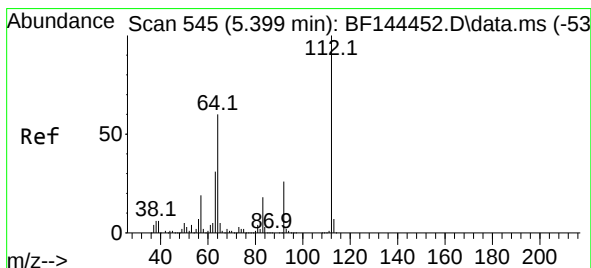
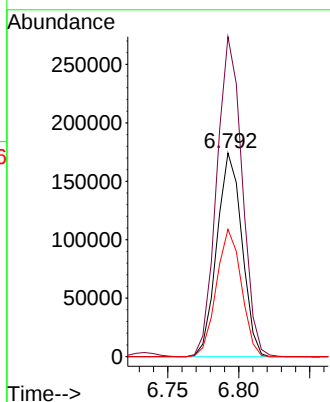
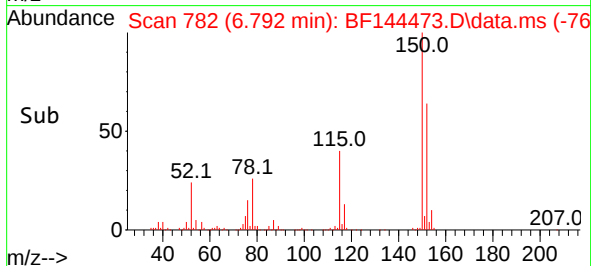


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 782
Delta R.T. -0.001 min
Lab File: BF144473.D
Acq: 15 Dec 2025 14:40

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

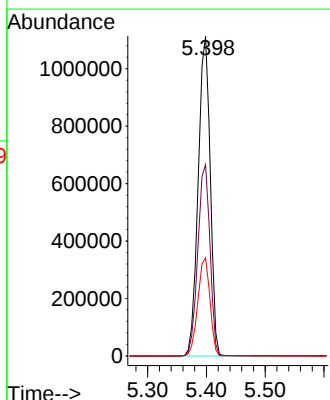
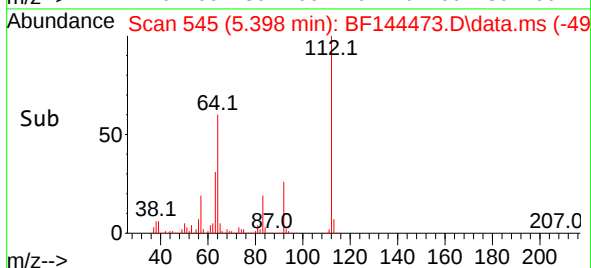
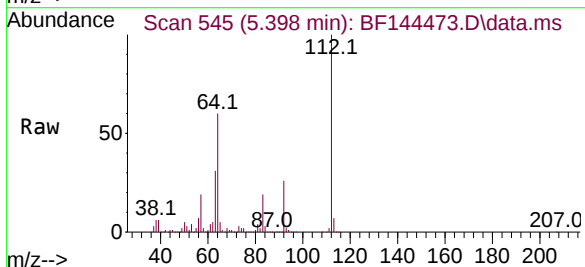


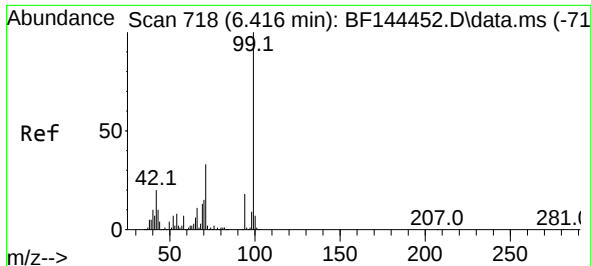
Tgt Ion:152 Resp: 213460
Ion Ratio Lower Upper
152 100
150 157.2 127.4 191.2
115 62.6 51.4 77.0



#5
2-Fluorophenol
Concen: 111.717 ng
RT: 5.398 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF144473.D
Acq: 15 Dec 2025 14:40

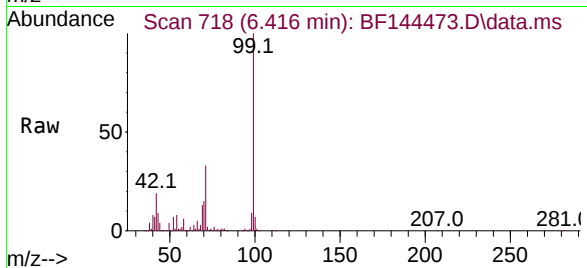
Tgt Ion:112 Resp: 1581573
Ion Ratio Lower Upper
112 100
64 59.8 47.8 71.6
63 30.6 24.6 37.0





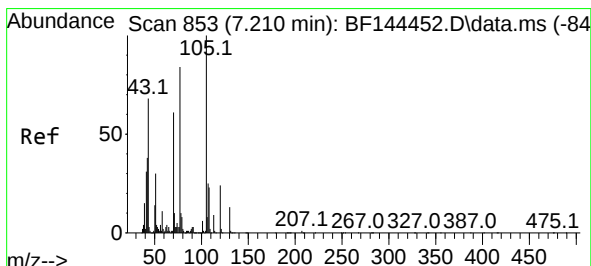
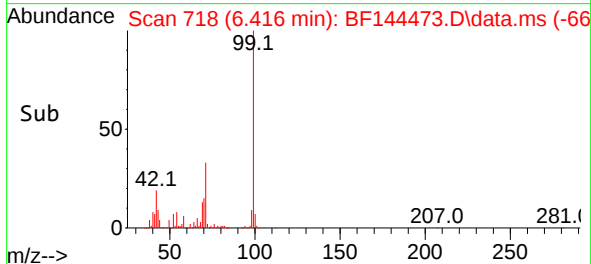
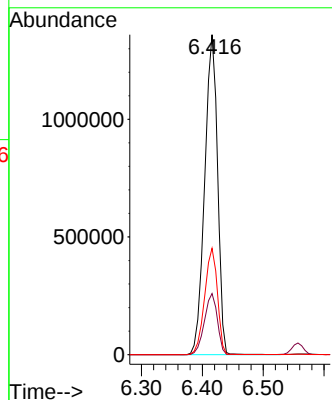
#7
Phenol-d6
Concen: 112.755 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF144473.D
Acq: 15 Dec 2025 14:40

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 99 Resp: 1991055

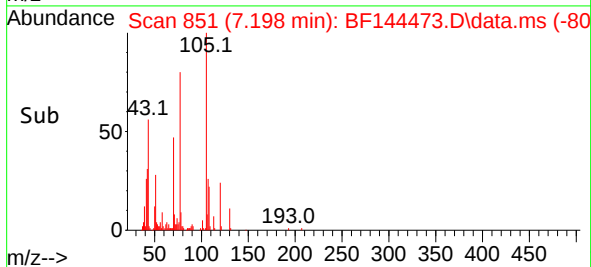
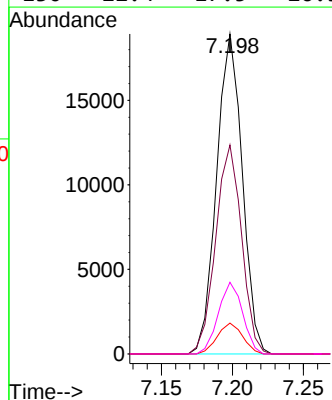
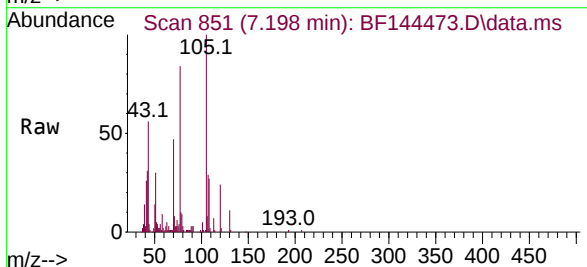
Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.7	23.5
71	33.2	26.4	39.6

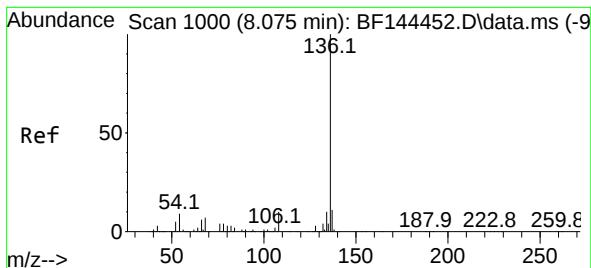


#19
n-Nitroso-di-n-propylamine
Concen: 2.135 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF144473.D
Acq: 15 Dec 2025 14:40

Tgt Ion: 70 Resp: 23815

Ion	Ratio	Lower	Upper
70	100		
42	65.3	49.4	74.0
101	9.6	7.8	11.6
130	22.4	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: BF144473.D

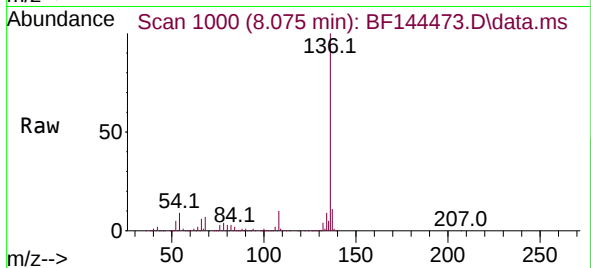
Acq: 15 Dec 2025 14:40

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



Tgt Ion:136 Resp: 833142

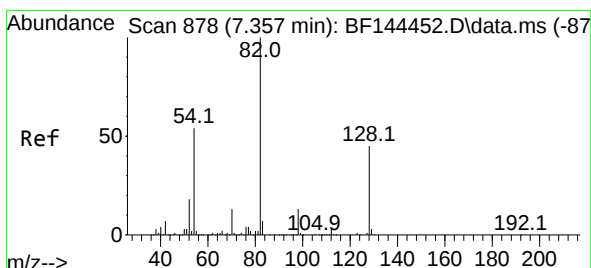
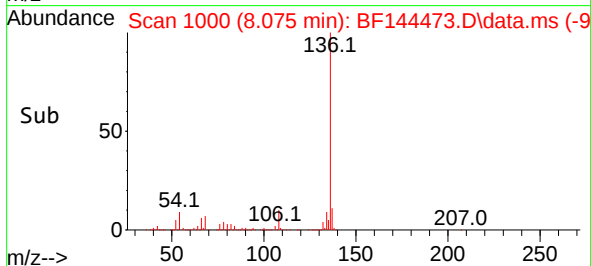
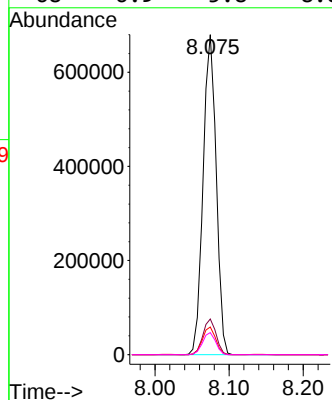
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.6 7.5 11.3

68 6.9 5.8 8.8



#23

Nitrobenzene-d5

Concen: 82.138 ng

RT: 7.351 min Scan# 877

Delta R.T. -0.006 min

Lab File: BF144473.D

Acq: 15 Dec 2025 14:40

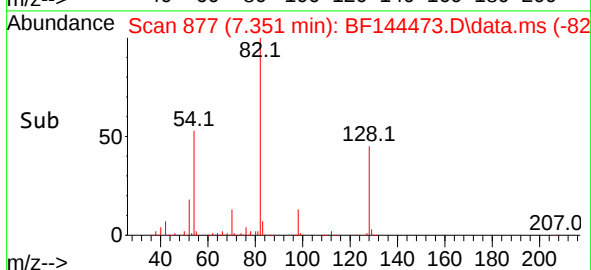
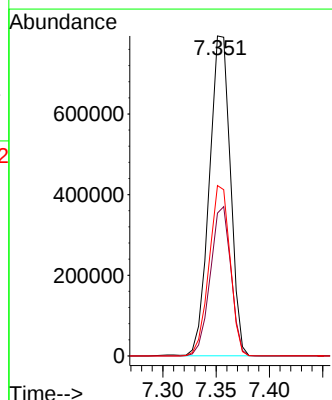
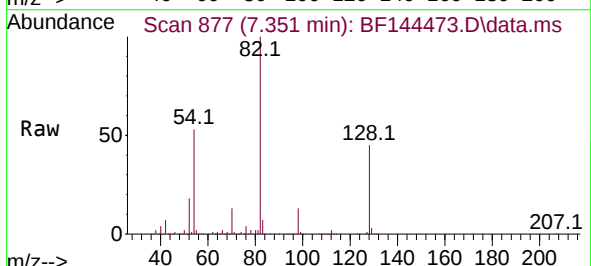
Tgt Ion: 82 Resp: 1093555

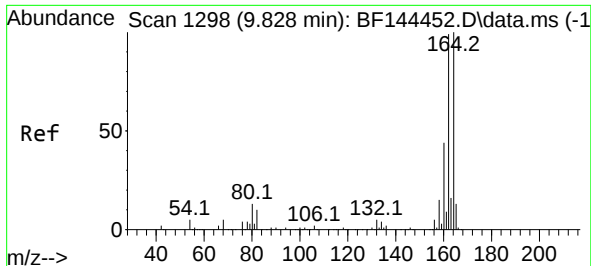
Ion Ratio Lower Upper

82 100

128 44.6 35.5 53.3

54 53.2 43.3 64.9

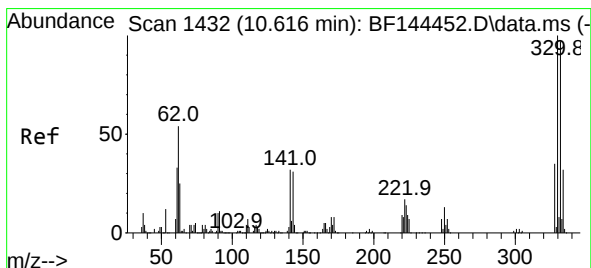
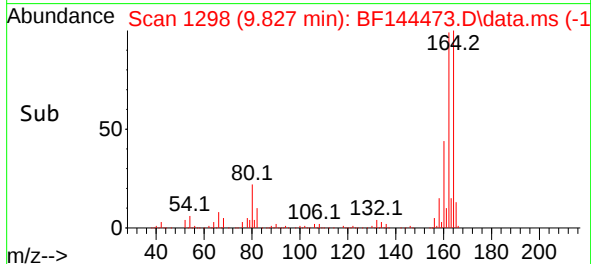
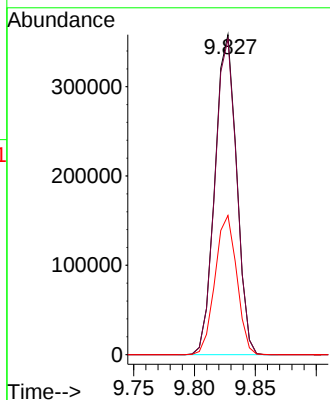
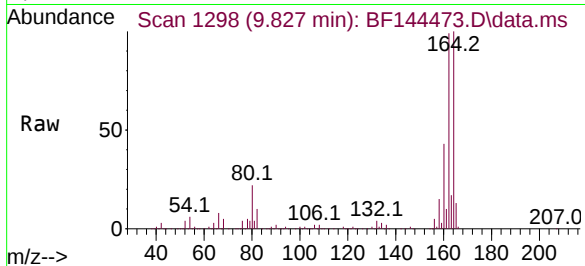




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1298
Delta R.T. -0.001 min
Lab File: BF144473.D
Acq: 15 Dec 2025 14:40

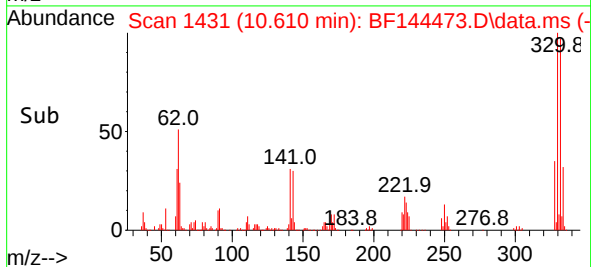
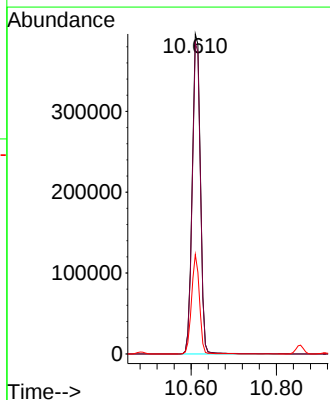
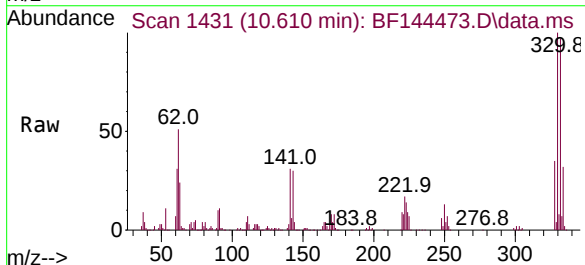
Instrument :
BNA_F
ClientSampleId :
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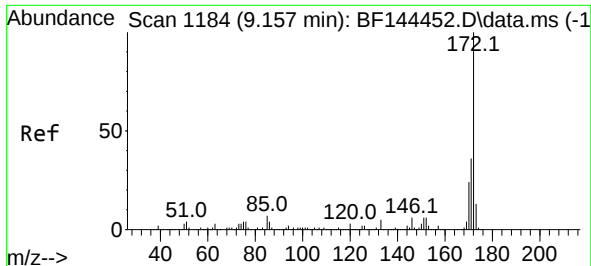
Tgt Ion:164 Resp: 444164
Ion Ratio Lower Upper
164 100
162 98.7 79.2 118.8
160 43.5 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 130.838 ng
RT: 10.610 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF144473.D
Acq: 15 Dec 2025 14:40

Tgt Ion:330 Resp: 525401
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 30.1 26.2 39.2

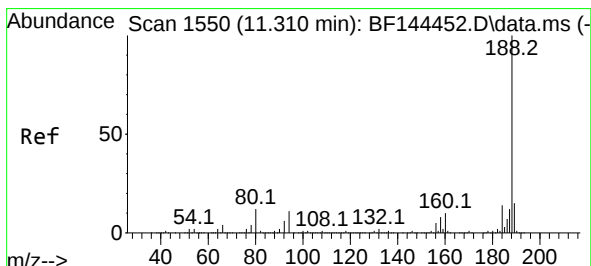
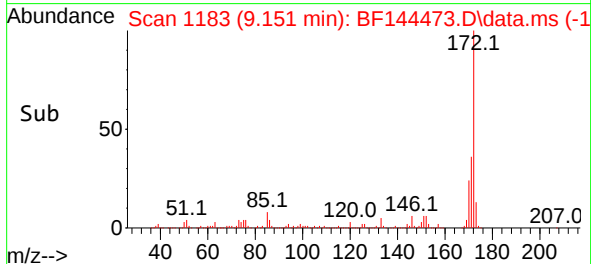
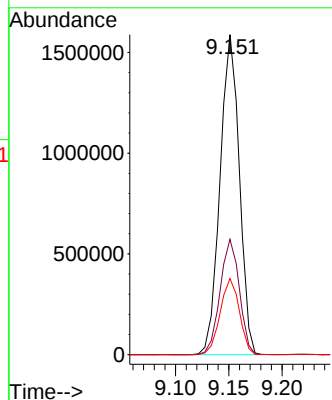
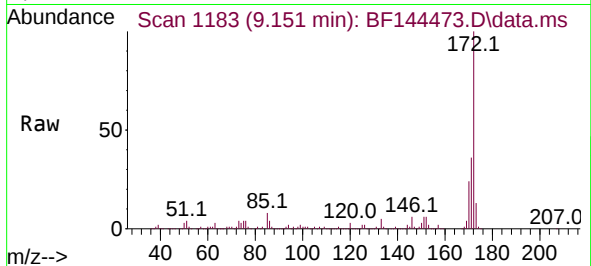




#45
2-Fluorobiphenyl
Concen: 69.160 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF144473.D
Acq: 15 Dec 2025 14:40

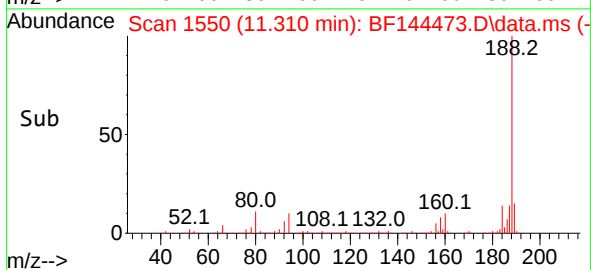
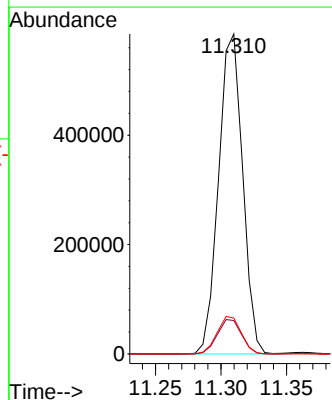
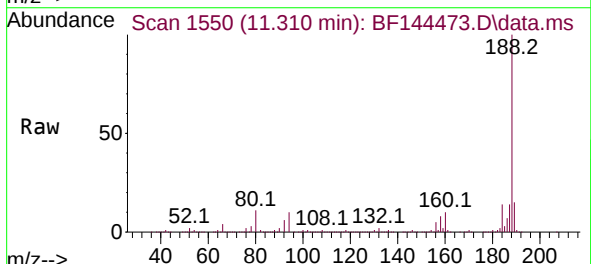
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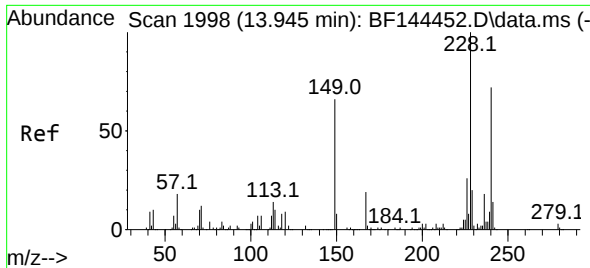
Tgt Ion:172 Resp: 2002396
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.8 19.3 28.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF144473.D
Acq: 15 Dec 2025 14:40

Tgt Ion:188 Resp: 747759
Ion Ratio Lower Upper
188 100
94 10.4 9.0 13.6
80 11.2 9.8 14.8

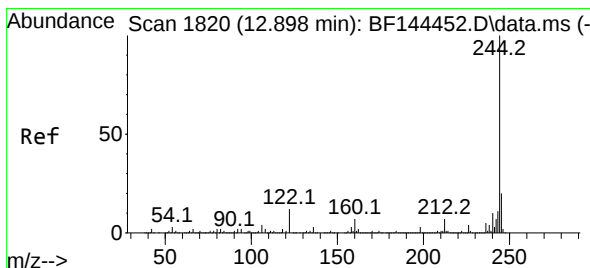
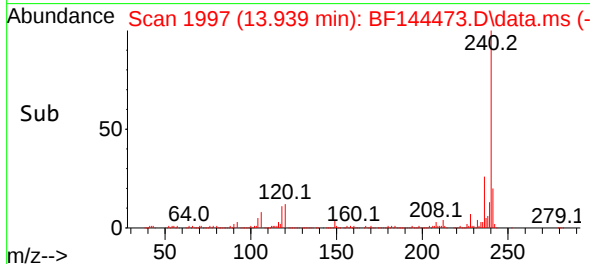
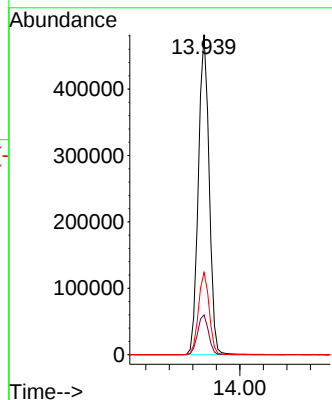
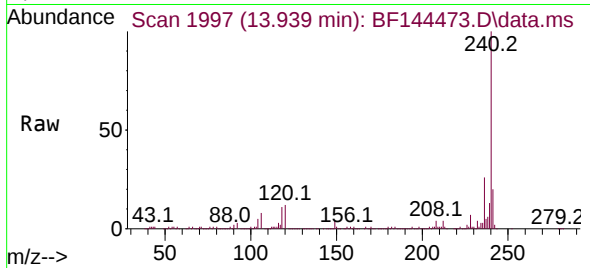




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF144473.D
Acq: 15 Dec 2025 14:40

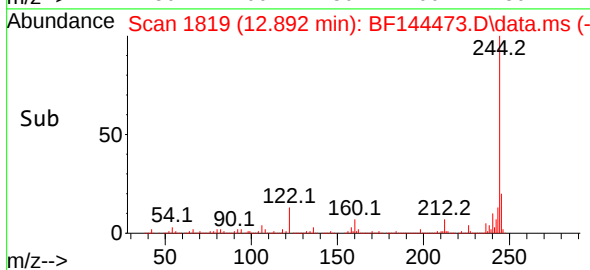
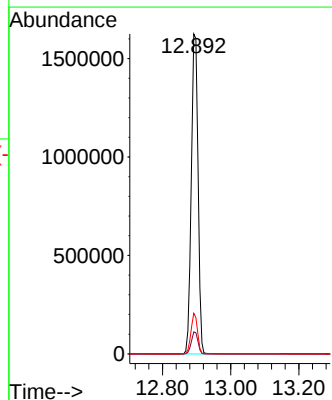
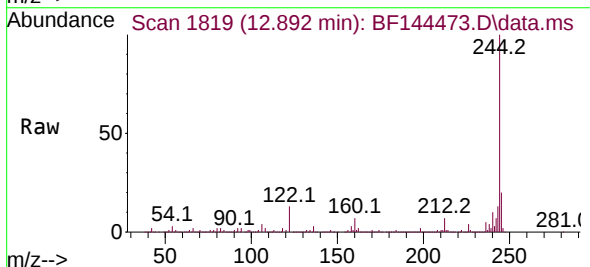
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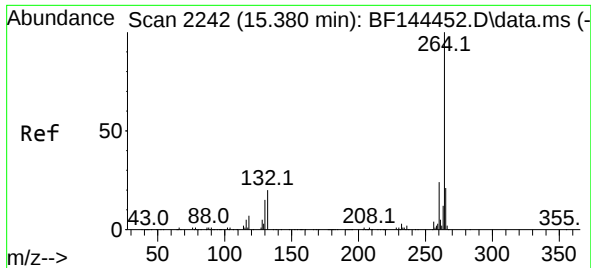
Tgt Ion:240 Resp: 611055
Ion Ratio Lower Upper
240 100
120 12.4 10.3 15.5
236 25.7 20.2 30.4



#79
Terphenyl-d14
Concen: 57.133 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF144473.D
Acq: 15 Dec 2025 14:40

Tgt Ion:244 Resp: 2211293
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 12.7 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: BF144473.D
Acq: 15 Dec 2025 14:40

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:264 Resp: 468507
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.1 17.1 25.7

