

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
 Data File : BF144472.D
 Acq On : 15 Dec 2025 14:11
 Operator : RC/JU
 Sample : Q3530-02
 Misc : LOQ-SOIL-2.5NG
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 15 14:31:12 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)

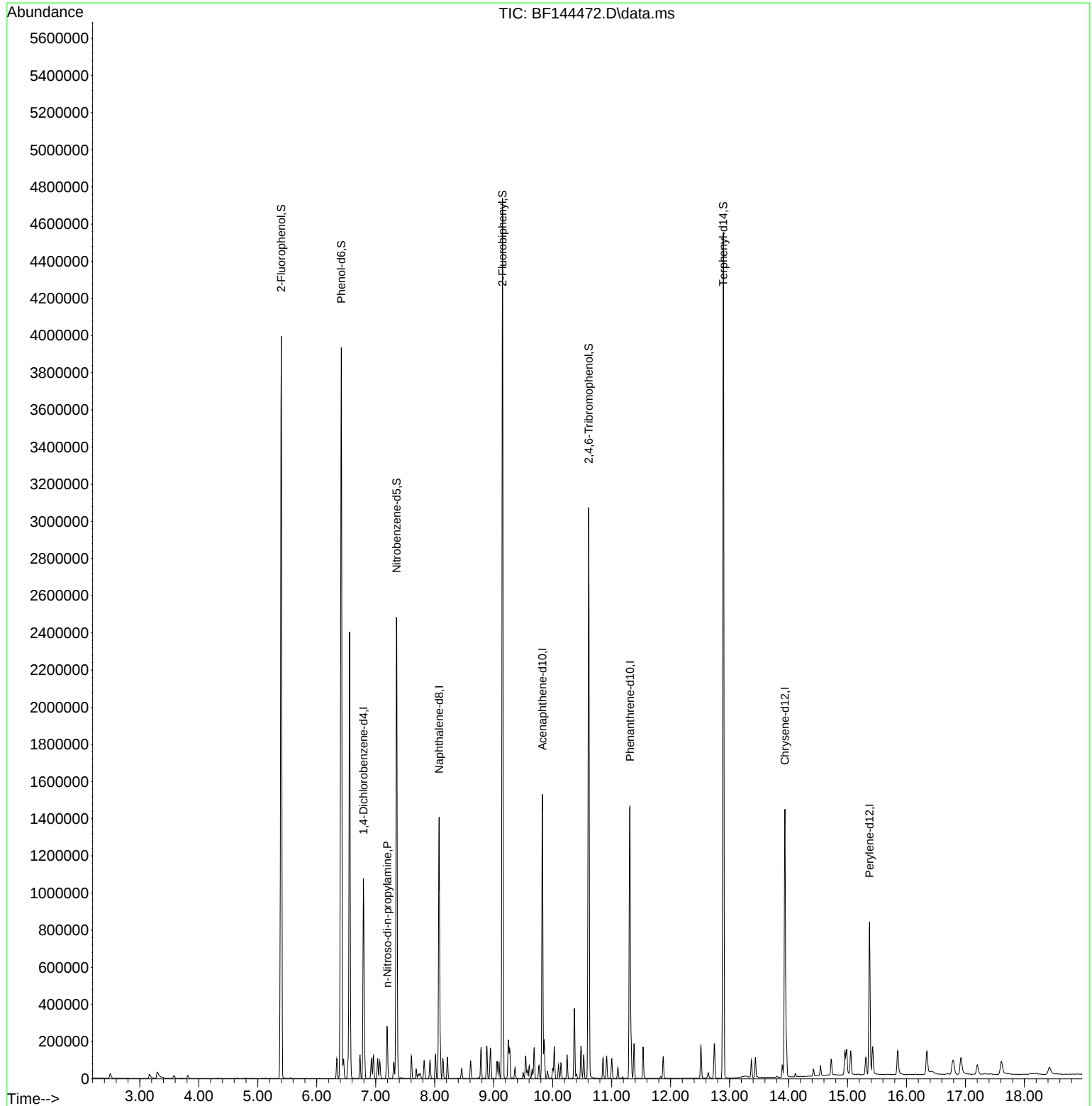
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	216386	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	843746	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	450543	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	753343	20.000	ng	0.00
76) Chrysene-d12	13.939	240	604398	20.000	ng	0.00
86) Perylene-d12	15.374	264	456450	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1625654	113.278	ng	0.00
7) Phenol-d6	6.416	99	2028762	113.337	ng	0.00
23) Nitrobenzene-d5	7.351	82	1130738	83.863	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	535226	131.397	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2034124	69.261	ng	0.00
79) Terphenyl-d14	12.892	244	2201433	57.505	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.198	70	24733	2.187	ng	Qvalue 99

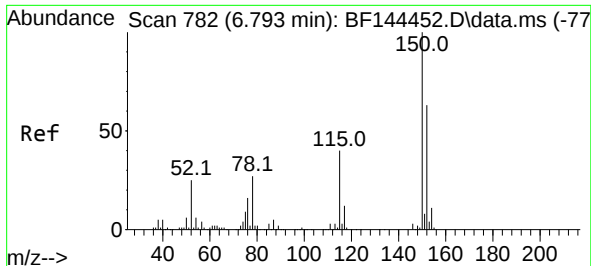
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
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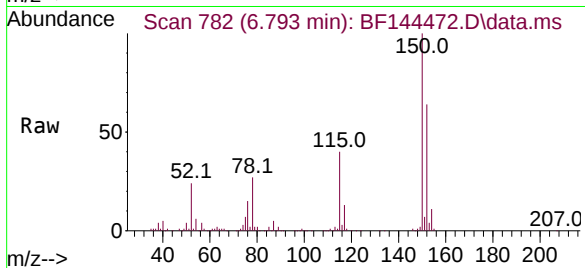
Quant Time: Dec 15 14:31:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 12 15:57:03 2025
Response via : Initial Calibration



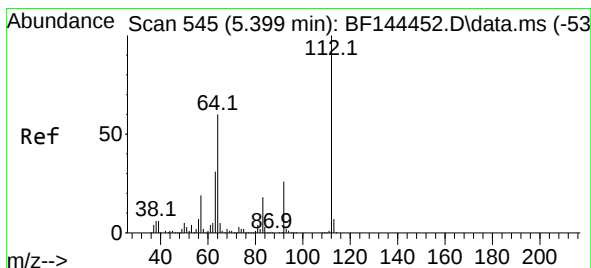
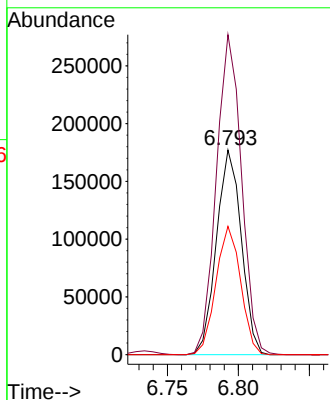
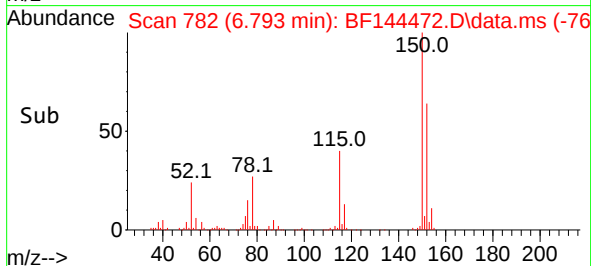


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

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

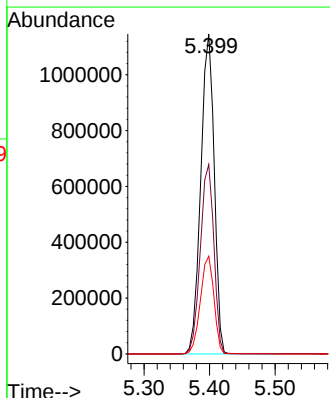
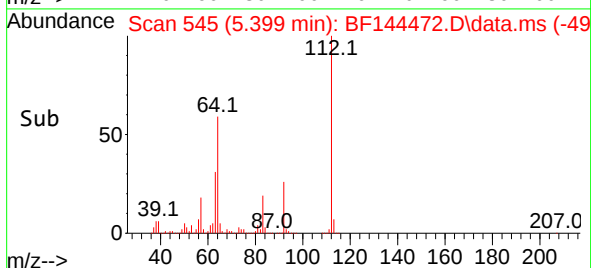
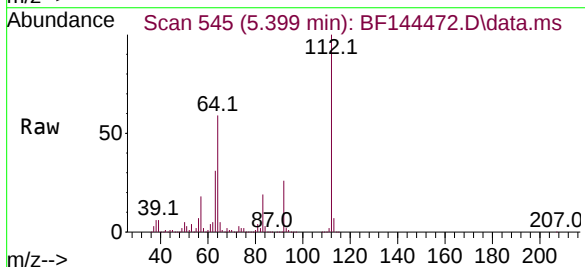


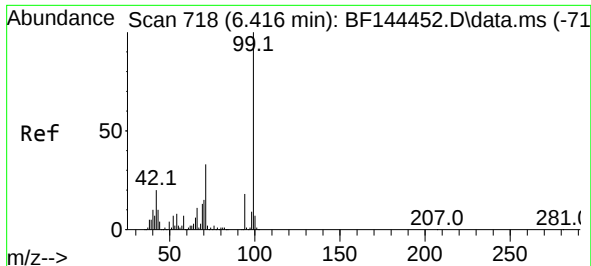
Tgt Ion:152 Resp: 216386
Ion Ratio Lower Upper
152 100
150 156.5 127.4 191.2
115 62.7 51.4 77.0



#5
2-Fluorophenol
Concen: 113.278 ng
RT: 5.399 min Scan# 545
Delta R.T. 0.000 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

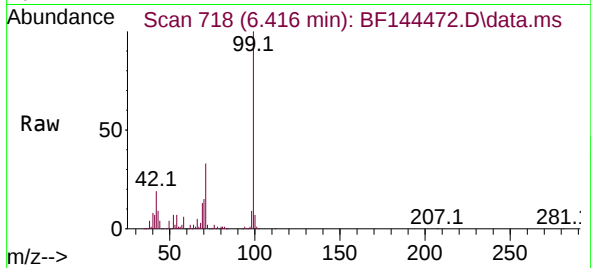
Tgt Ion:112 Resp: 1625654
Ion Ratio Lower Upper
112 100
64 59.2 47.8 71.6
63 30.5 24.6 37.0





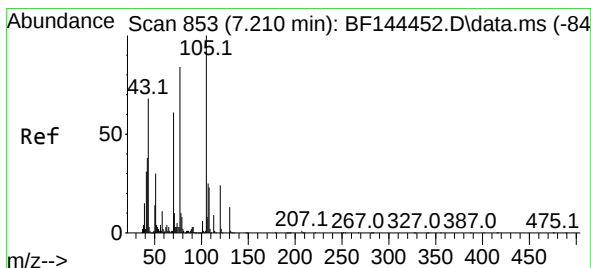
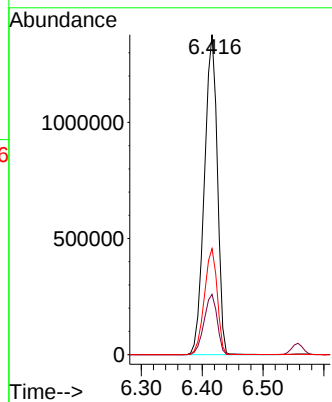
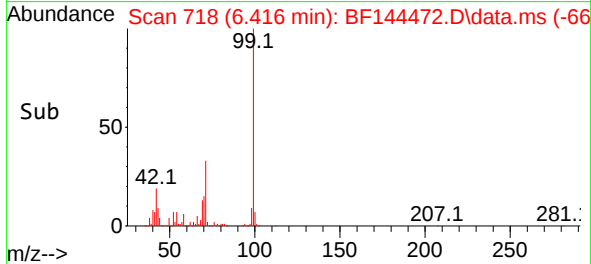
#7
Phenol-d6
Concen: 113.337 ng
RT: 6.416 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

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

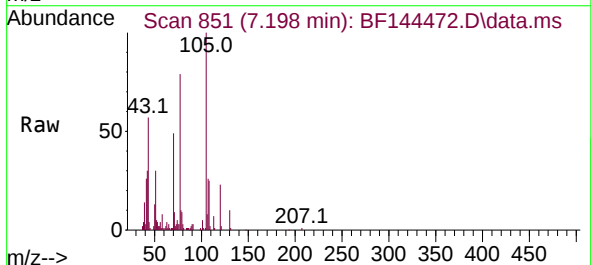


Tgt Ion: 99 Resp: 2028762

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.7	23.5
71	33.1	26.4	39.6

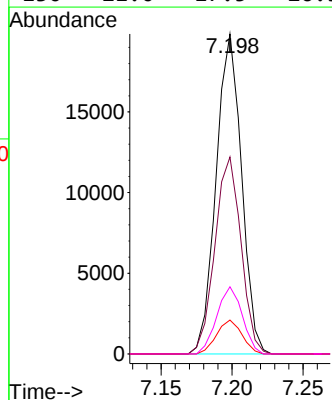
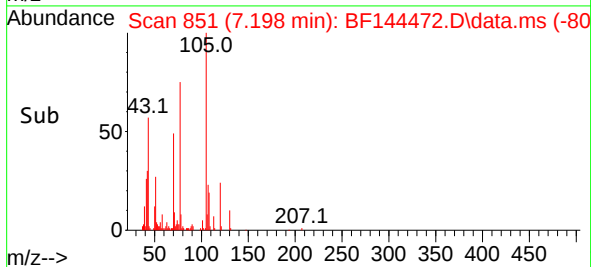


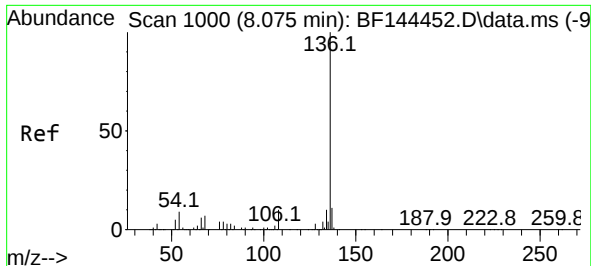
#19
n-Nitroso-di-n-propylamine
Concen: 2.187 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11



Tgt Ion: 70 Resp: 24733

Ion	Ratio	Lower	Upper
70	100		
42	61.5	49.4	74.0
101	10.6	7.8	11.6
130	21.0	17.5	26.3

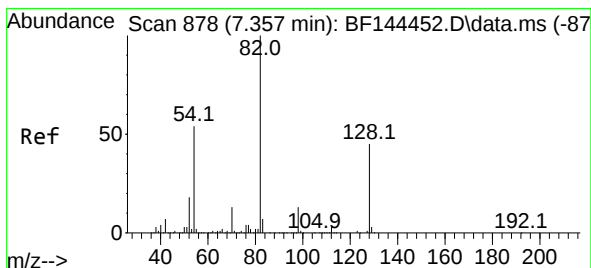
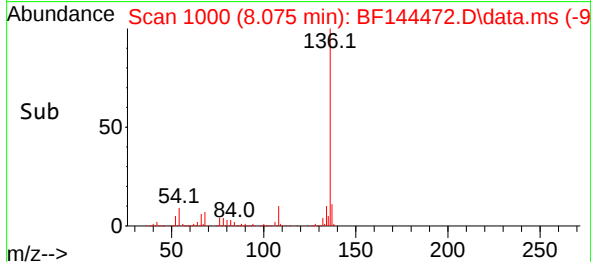
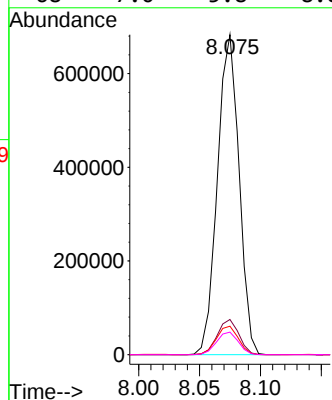
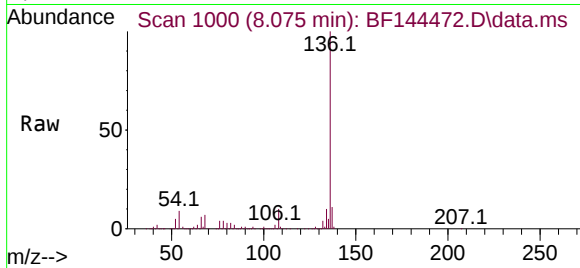




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

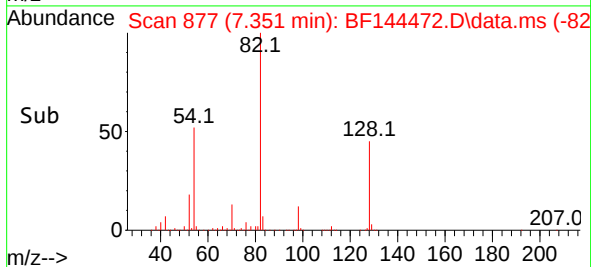
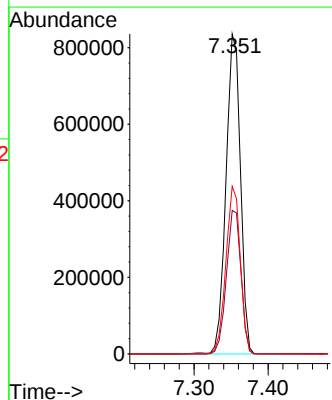
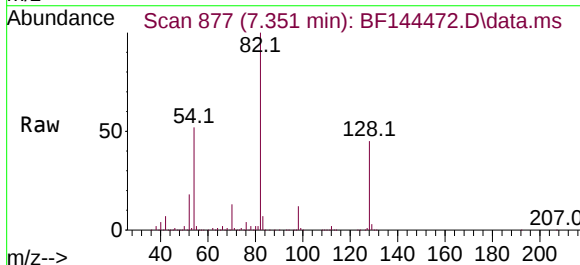
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

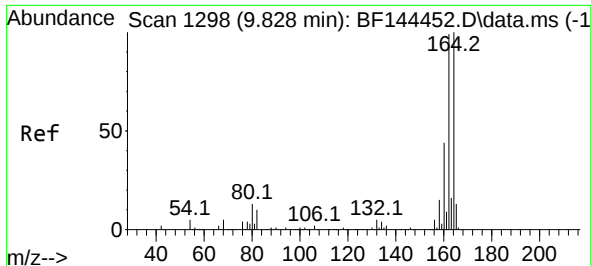
Tgt Ion:136	Resp: 843746
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 8.9	7.5 11.3
68 7.0	5.8 8.8



#23
Nitrobenzene-d5
Concen: 83.863 ng
RT: 7.351 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion: 82		Resp: 1130738	
Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.5	53.3
54	52.4	43.3	64.9

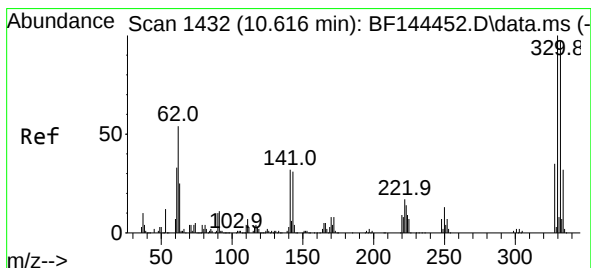
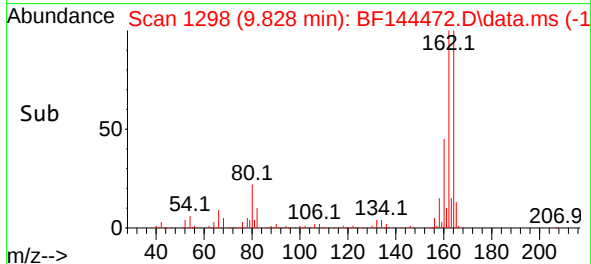
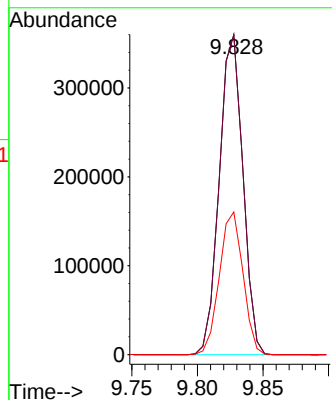
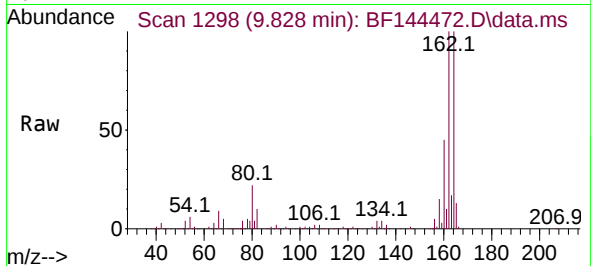




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

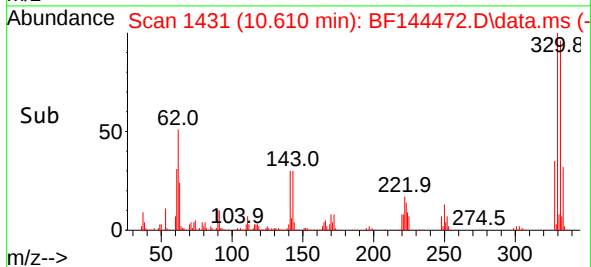
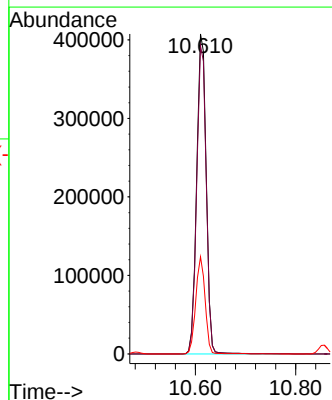
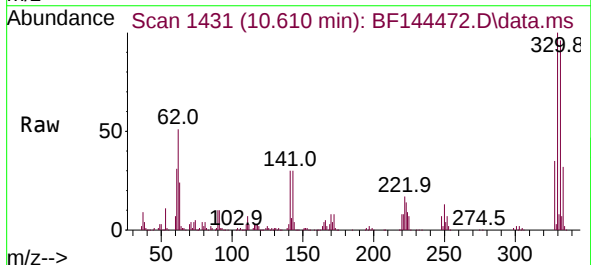
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

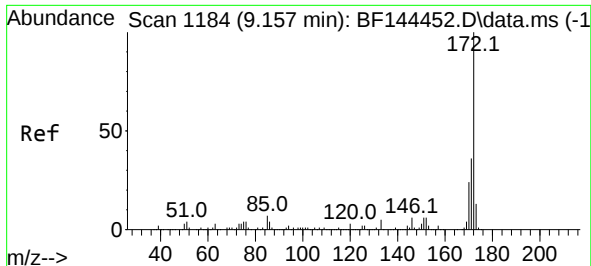
Tgt Ion:164 Resp: 450543
Ion Ratio Lower Upper
164 100
162 99.9 79.2 118.8
160 44.6 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 131.397 ng
RT: 10.610 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:330 Resp: 535226
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 29.7 26.2 39.2

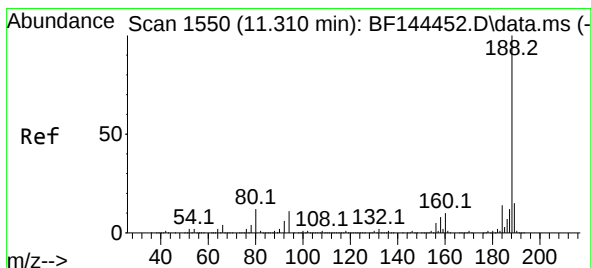
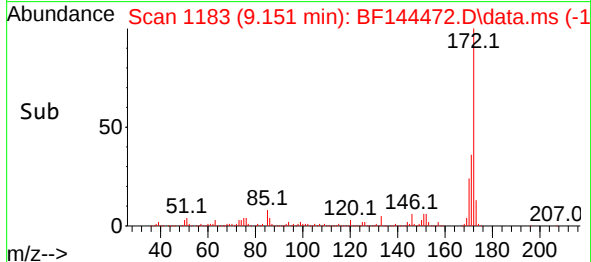
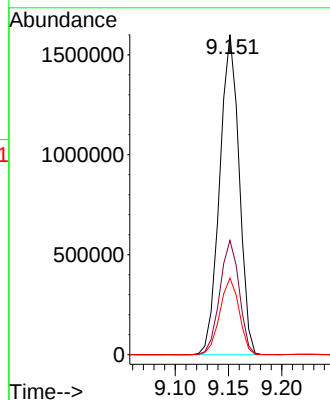
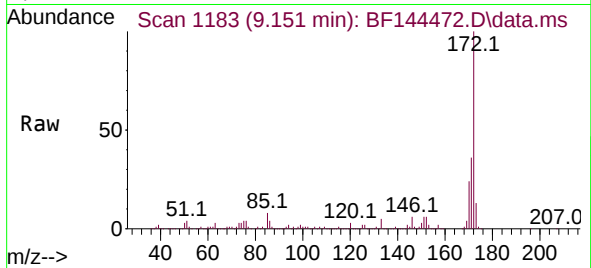




#45
2-Fluorobiphenyl
Concen: 69.261 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

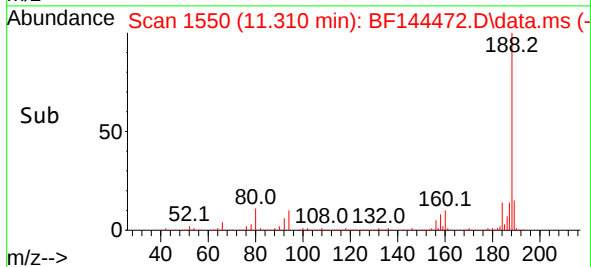
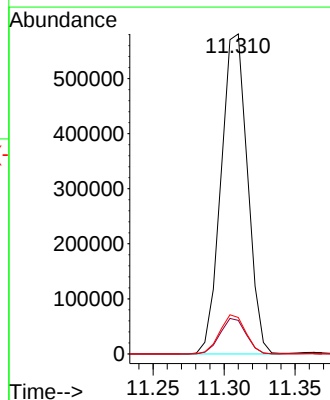
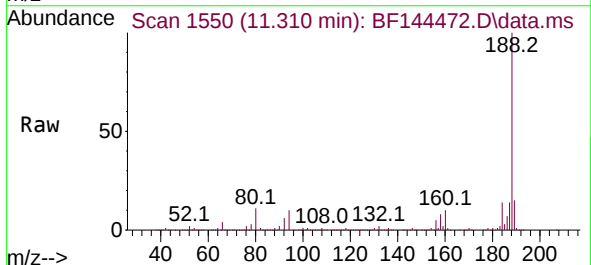
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

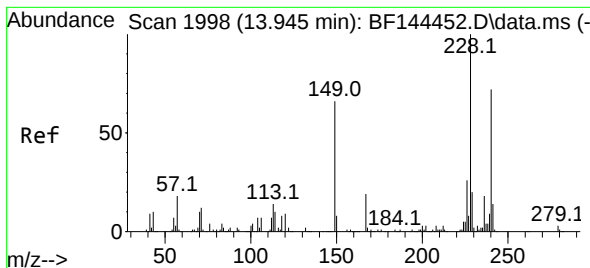
Tgt Ion:172 Resp: 2034124
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.9 19.3 28.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF144472.D
Acq: 15 Dec 2025 14:11

Tgt Ion:188 Resp: 753343
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: BF144472.D

Acq: 15 Dec 2025 14:11

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT4-2025

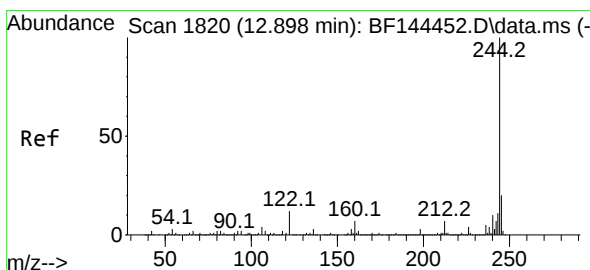
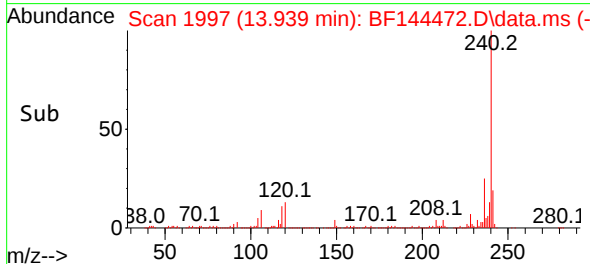
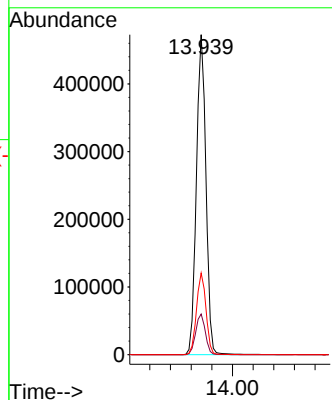
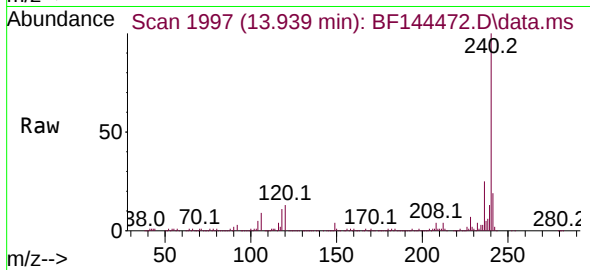
Tgt Ion:240 Resp: 604398

Ion Ratio Lower Upper

240 100

120 12.7 10.3 15.5

236 25.5 20.2 30.4



#79

Terphenyl-d14

Concen: 57.505 ng

RT: 12.892 min Scan# 1819

Delta R.T. -0.006 min

Lab File: BF144472.D

Acq: 15 Dec 2025 14:11

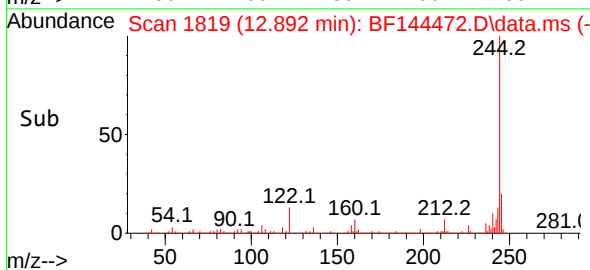
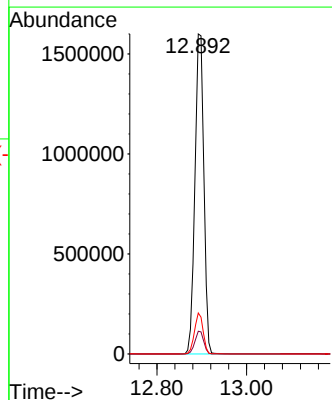
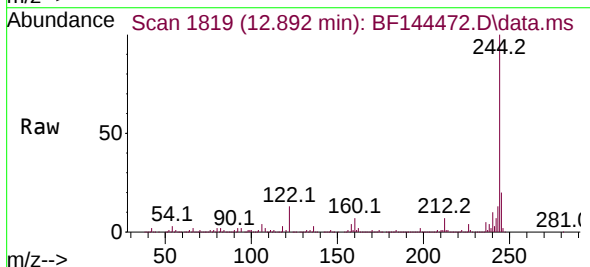
Tgt Ion:244 Resp: 2201433

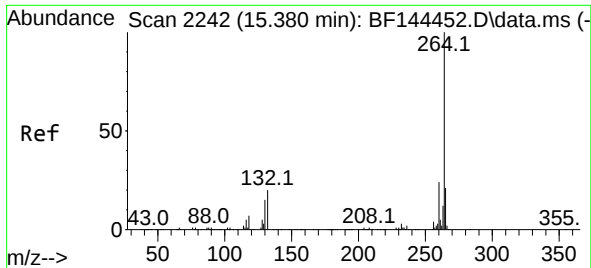
Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 12.8 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: BF144472.D
Acq: 15 Dec 2025 14:11

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

Tgt Ion:264 Resp: 456450
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 22.0 17.1 25.7

