

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
 Data File : BF144482.D
 Acq On : 15 Dec 2025 19:04
 Operator : RC/JU
 Sample : Q3839-23
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AT5

Quant Time: Dec 16 00:43:06 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	213047	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	827476	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	437540	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	742777	20.000	ng	0.00
76) Chrysene-d12	13.939	240	585600	20.000	ng	0.00
86) Perylene-d12	15.374	264	421916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	639106	45.232	ng	0.00
7) Phenol-d6	6.404	99	492705	27.956	ng	-0.01
23) Nitrobenzene-d5	7.351	82	997792	75.458	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	517903	130.923	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1852711	64.959	ng	0.00
79) Terphenyl-d14	12.898	244	2406100	64.869	ng	0.00

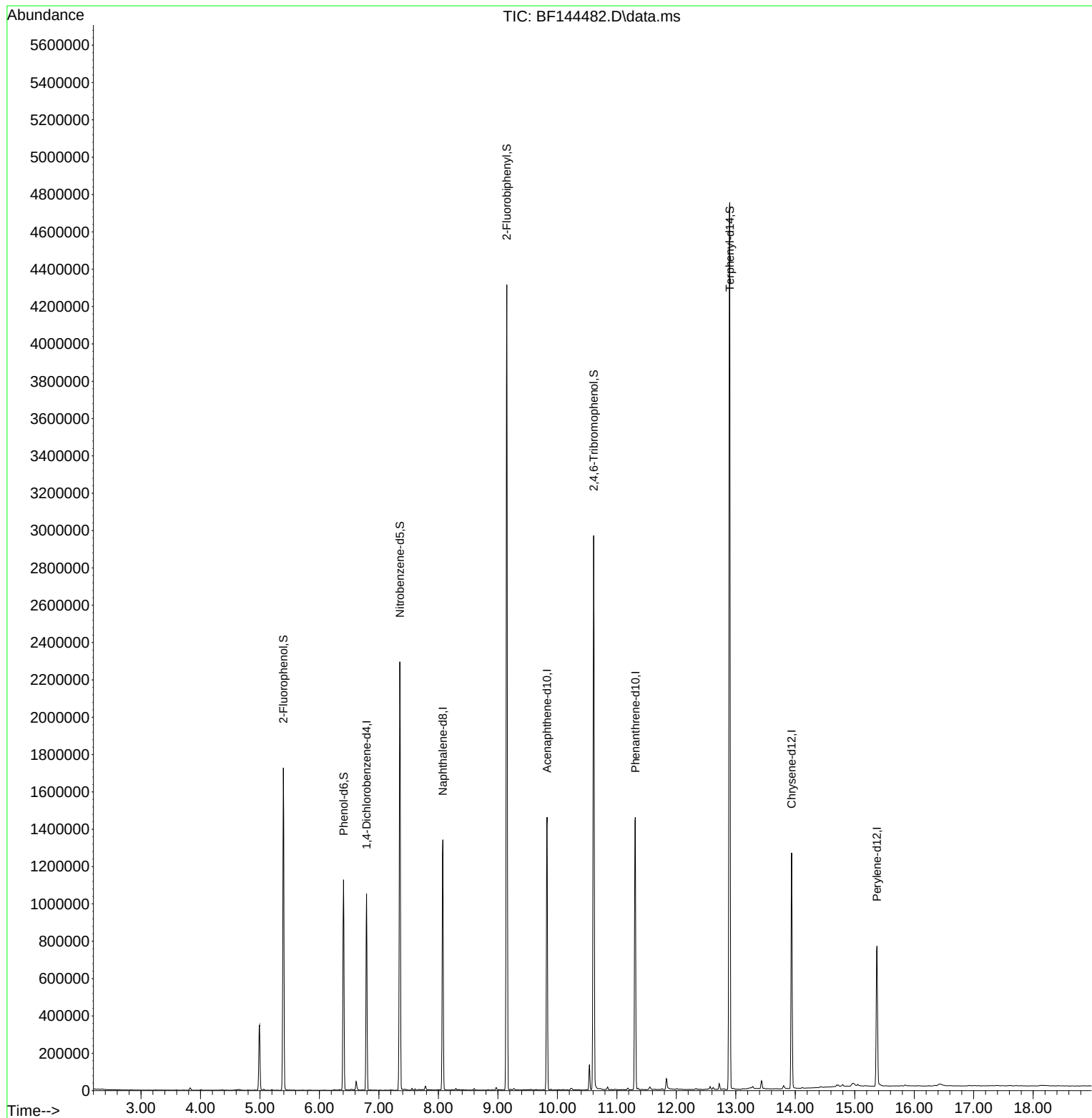
Target Compounds	Qvalue

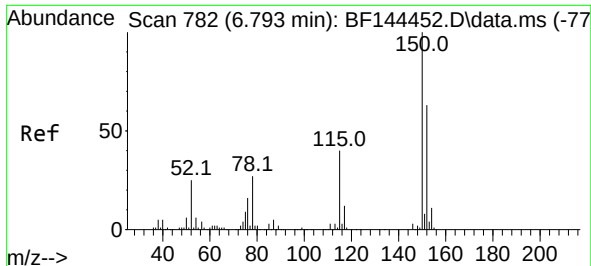
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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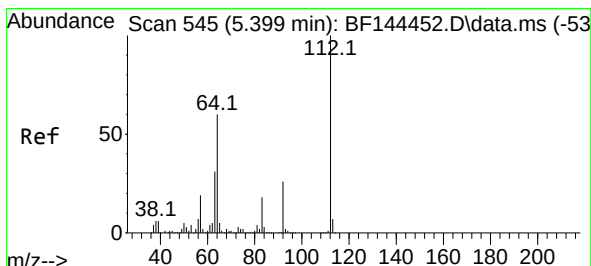
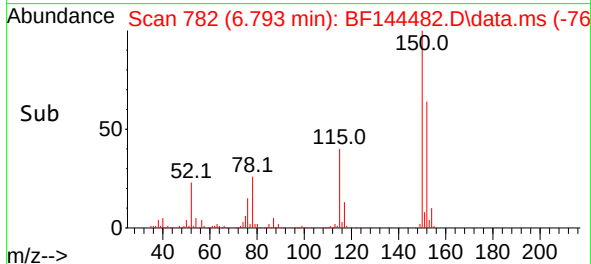
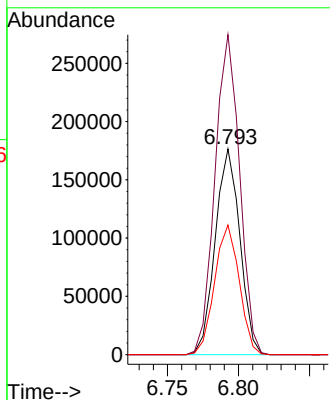
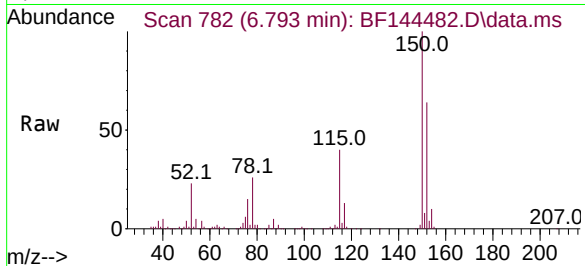




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: BF144482.D
 Acq: 15 Dec 2025 19:04

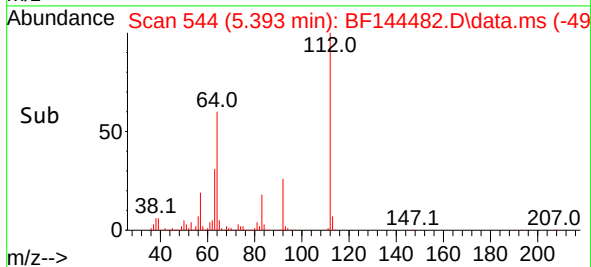
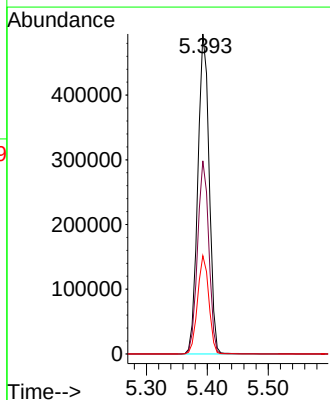
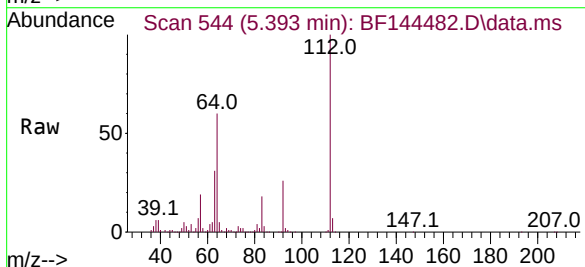
Instrument :
 BNA_F
 ClientSampleId :
 C0AT5

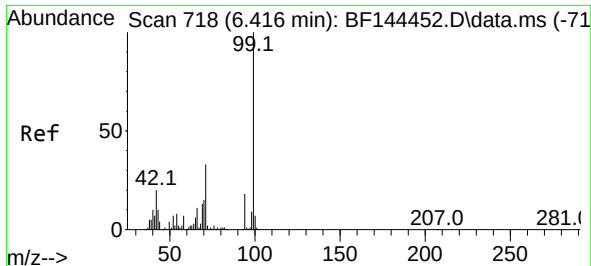
Tgt Ion:152 Resp: 213047
 Ion Ratio Lower Upper
 152 100
 150 155.6 127.4 191.2
 115 63.0 51.4 77.0



#5
 2-Fluorophenol
 Concen: 45.232 ng
 RT: 5.393 min Scan# 544
 Delta R.T. -0.006 min
 Lab File: BF144482.D
 Acq: 15 Dec 2025 19:04

Tgt Ion:112 Resp: 639106
 Ion Ratio Lower Upper
 112 100
 64 60.3 47.8 71.6
 63 30.7 24.6 37.0

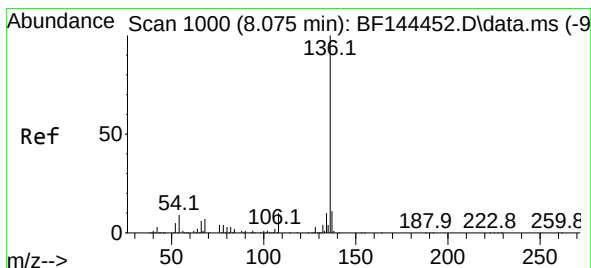
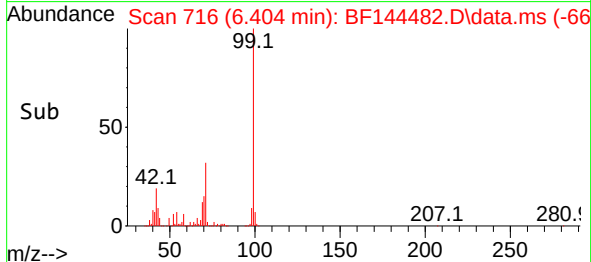
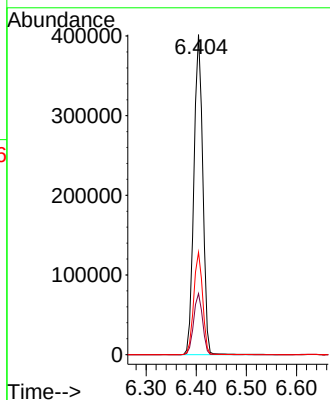
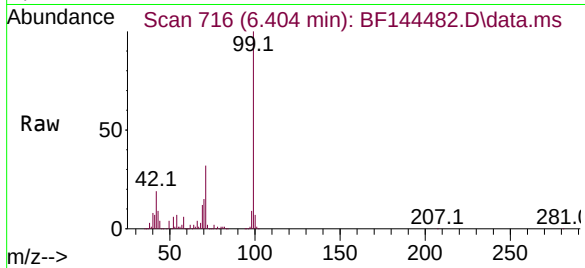




#7
Phenol-d6
Concen: 27.956 ng
RT: 6.404 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144482.D
Acq: 15 Dec 2025 19:04

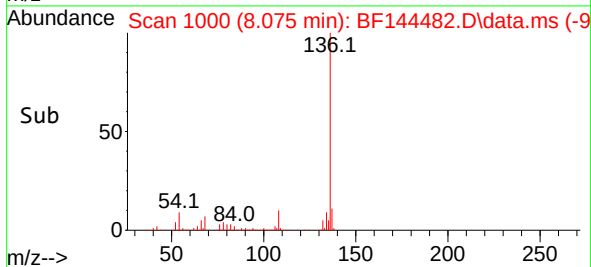
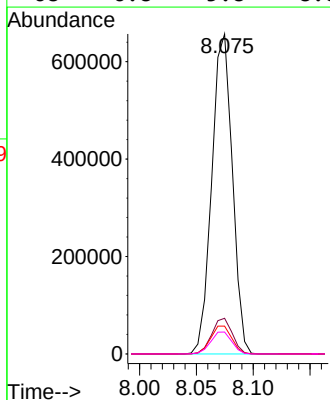
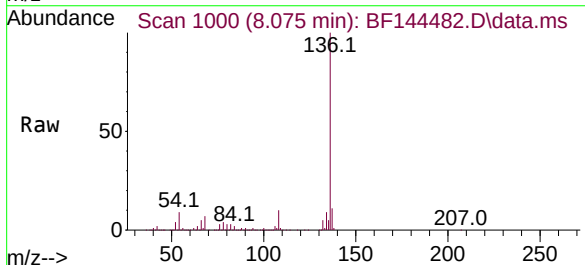
Instrument :
BNA_F
ClientSampleId :
C0AT5

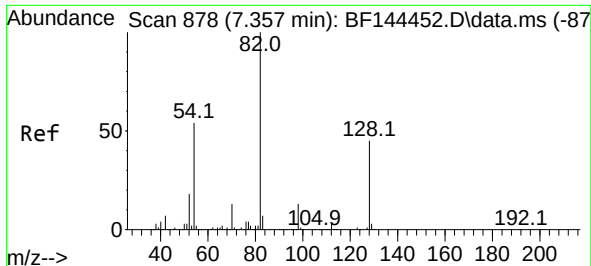
Tgt Ion: 99 Resp: 492705
Ion Ratio Lower Upper
99 100
42 19.1 15.7 23.5
71 32.0 26.4 39.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF144482.D
Acq: 15 Dec 2025 19:04

Tgt Ion: 136 Resp: 827476
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.7 7.5 11.3
68 6.8 5.8 8.8

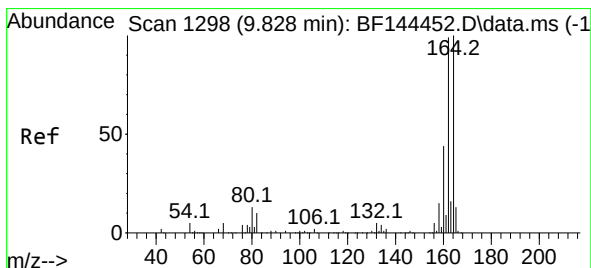
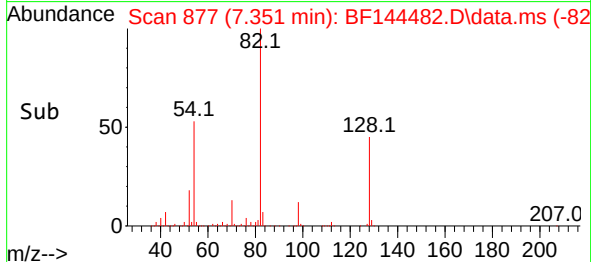
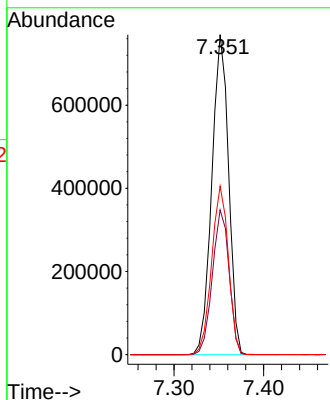
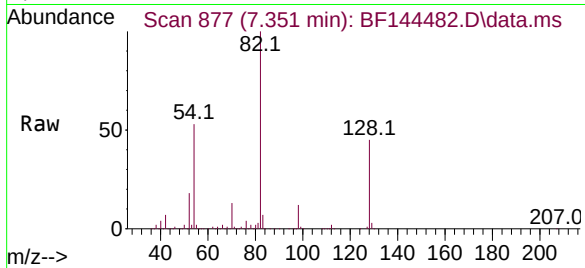




#23
Nitrobenzene-d5
Concen: 75.458 ng
RT: 7.351 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144482.D
Acq: 15 Dec 2025 19:04

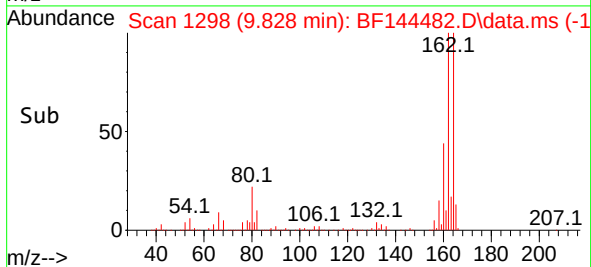
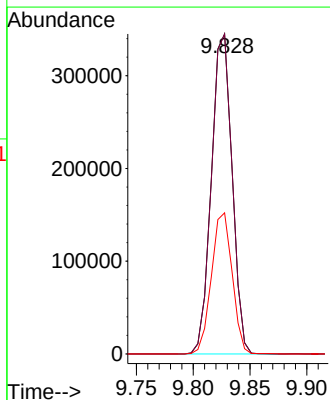
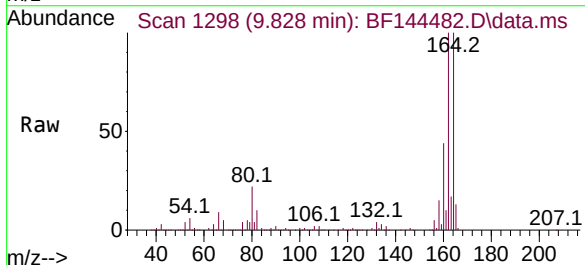
Instrument :
BNA_F
ClientSampleId :
C0AT5

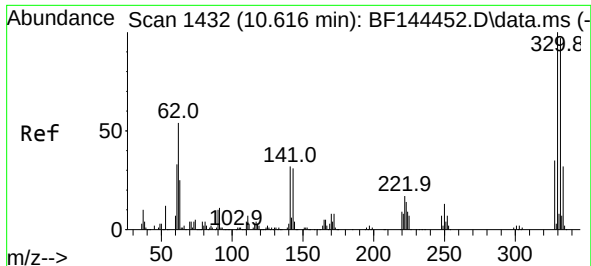
Tgt Ion: 82 Resp: 997792
Ion Ratio Lower Upper
82 100
128 45.2 35.5 53.3
54 52.6 43.3 64.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF144482.D
Acq: 15 Dec 2025 19:04

Tgt Ion:164 Resp: 437540
Ion Ratio Lower Upper
164 100
162 100.0 79.2 118.8
160 44.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 130.923 ng

RT: 10.610 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF144482.D

Acq: 15 Dec 2025 19:04

Instrument :

BNA_F

ClientSampleId :

C0AT5

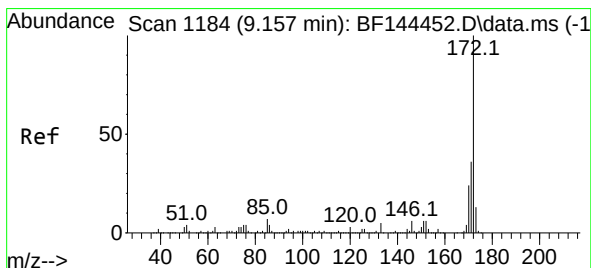
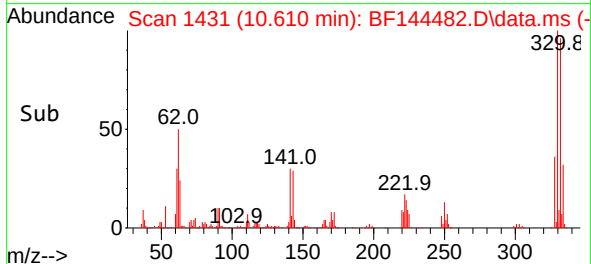
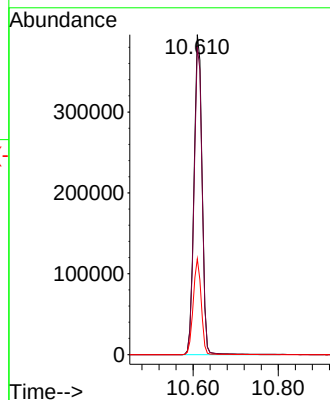
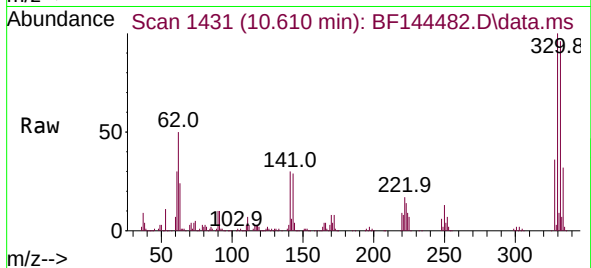
Tgt Ion:330 Resp: 517903

Ion Ratio Lower Upper

330 100

332 96.1 77.5 116.3

141 29.6 26.2 39.2



#45

2-Fluorobiphenyl

Concen: 64.959 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF144482.D

Acq: 15 Dec 2025 19:04

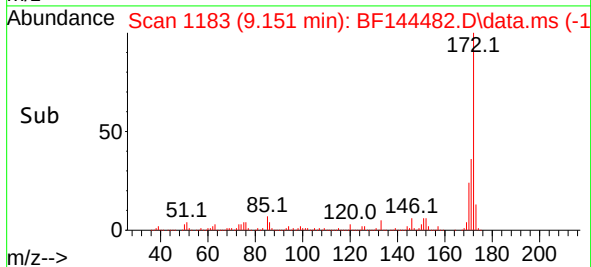
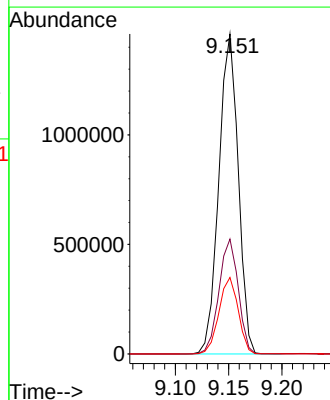
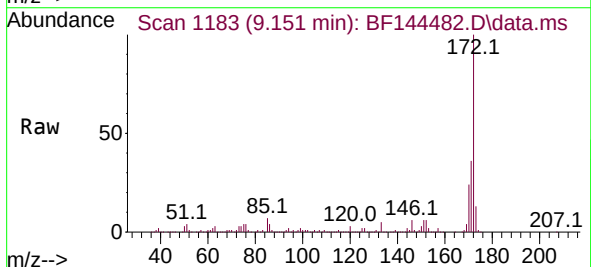
Tgt Ion:172 Resp: 1852711

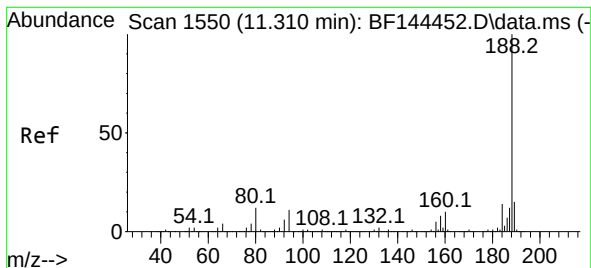
Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 23.9 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144482.D

Acq: 15 Dec 2025 19:04

Instrument :

BNA_F

ClientSampleId :

C0AT5

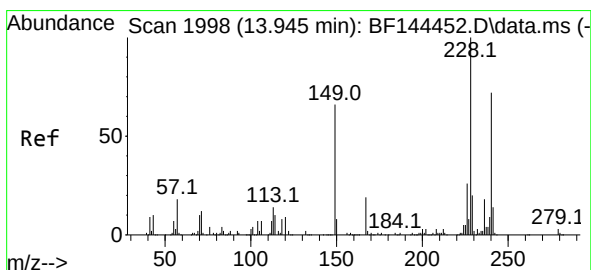
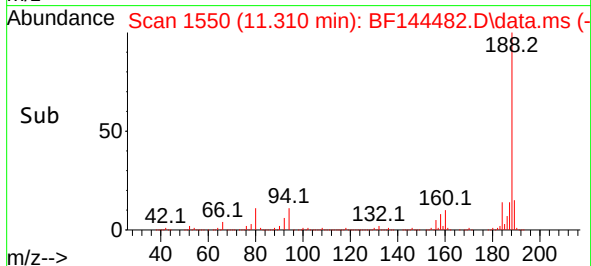
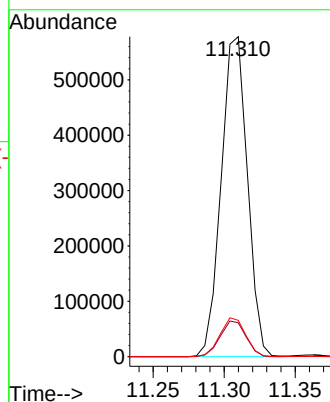
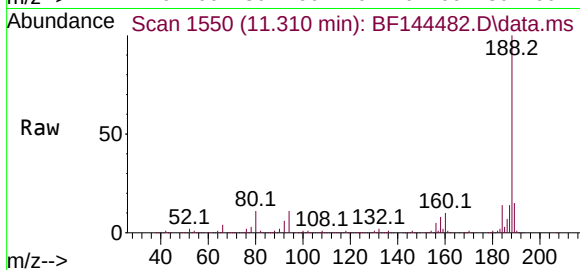
Tgt Ion:188 Resp: 742777

Ion Ratio Lower Upper

188 100

94 10.6 9.0 13.6

80 11.3 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: BF144482.D

Acq: 15 Dec 2025 19:04

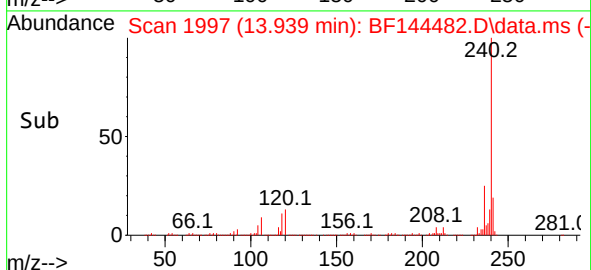
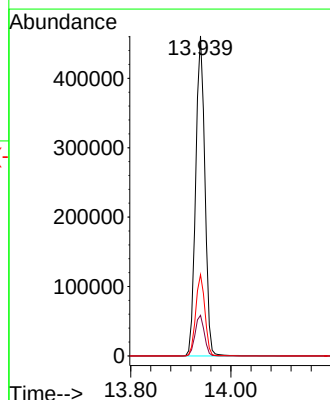
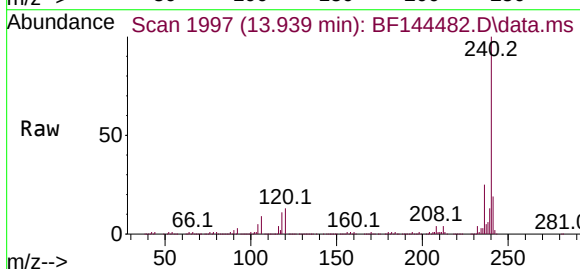
Tgt Ion:240 Resp: 585600

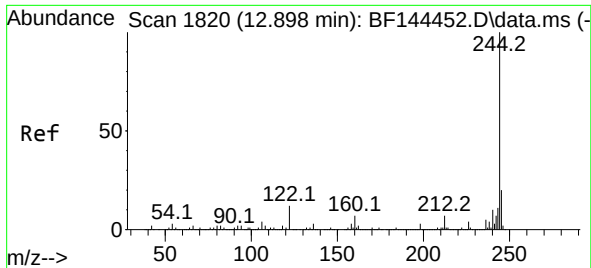
Ion Ratio Lower Upper

240 100

120 12.7 10.3 15.5

236 25.4 20.2 30.4

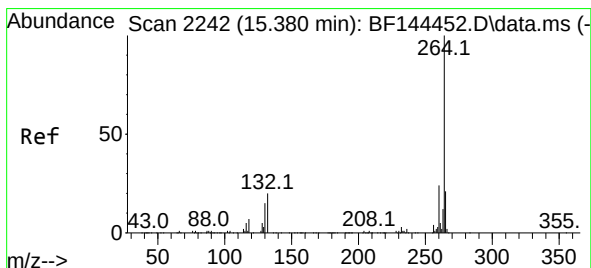
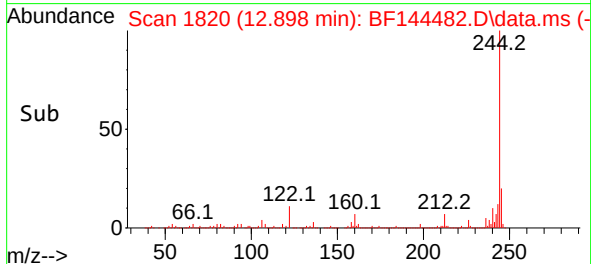
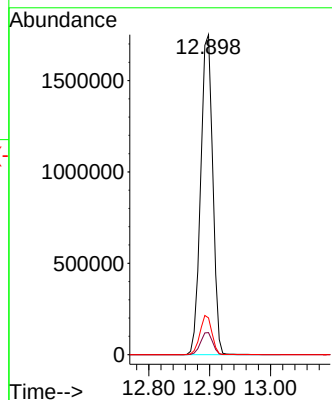
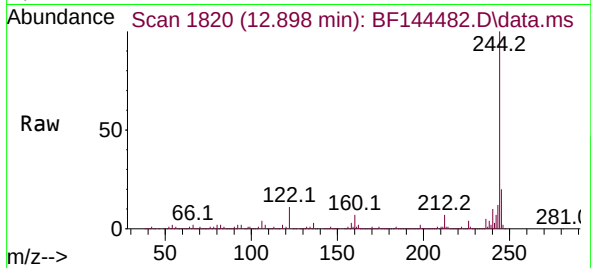




#79
 Terphenyl-d14
 Concen: 64.869 ng
 RT: 12.898 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: BF144482.D
 Acq: 15 Dec 2025 19:04

Instrument :
 BNA_F
 ClientSampleId :
 C0AT5

Tgt Ion:244 Resp: 2406100
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.5 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.374 min Scan# 2241
 Delta R.T. -0.006 min
 Lab File: BF144482.D
 Acq: 15 Dec 2025 19:04

Tgt Ion:264 Resp: 421916
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 22.0 17.1 25.7

