

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144462.D
 Acq On : 12 Dec 2025 21:01
 Operator : RC/JU
 Sample : Q3839-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0B02

Quant Time: Dec 12 23:34:29 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)

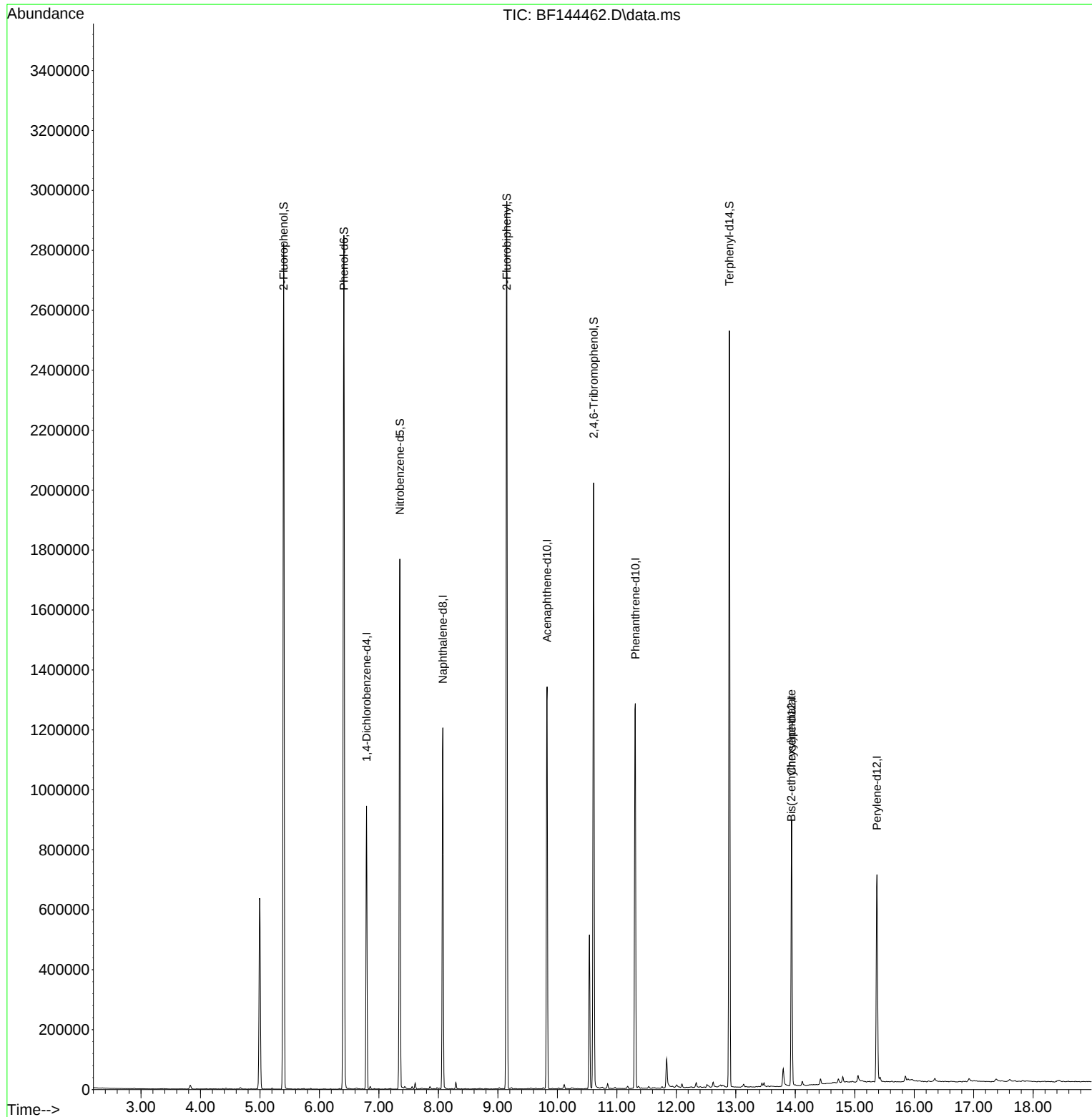
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	188006	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	752405	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	401821	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	657309	20.000	ng	0.00
76) Chrysene-d12	13.939	240	412607	20.000	ng	0.00
86) Perylene-d12	15.374	264	387916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1067239	85.593	ng	0.00
7) Phenol-d6	6.410	99	1360011	87.446	ng	0.00
23) Nitrobenzene-d5	7.351	82	750384	62.410	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	332632	91.562	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1309993	50.013	ng	0.00
79) Terphenyl-d14	12.892	244	1158826	44.341	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.933	149	2053	3.038	ng	Qvalue # 95

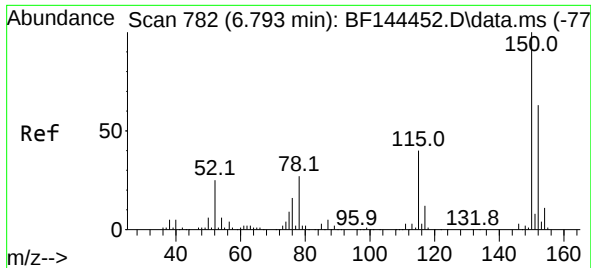
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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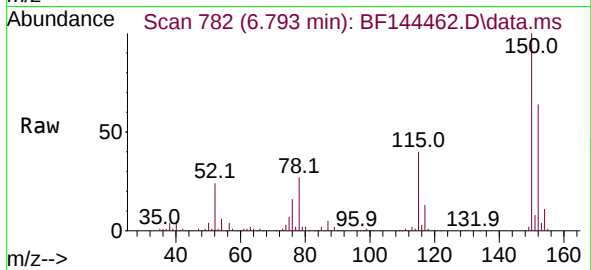
Quant Time: Dec 12 23:34:29 2025
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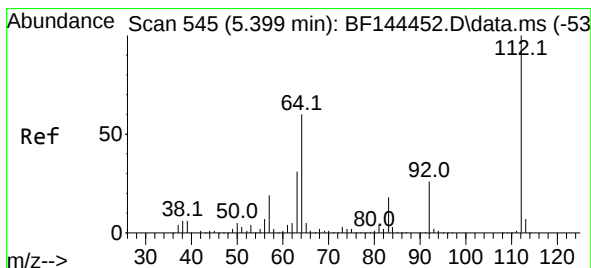
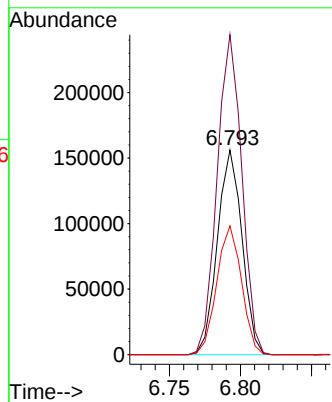
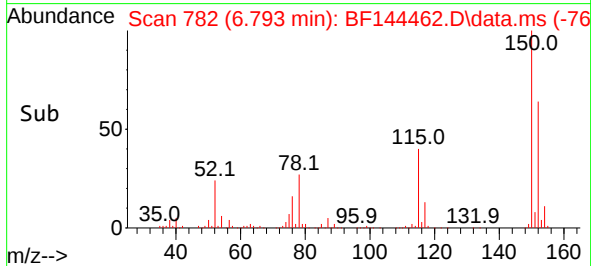


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF144462.D
Acq: 12 Dec 2025 21:01

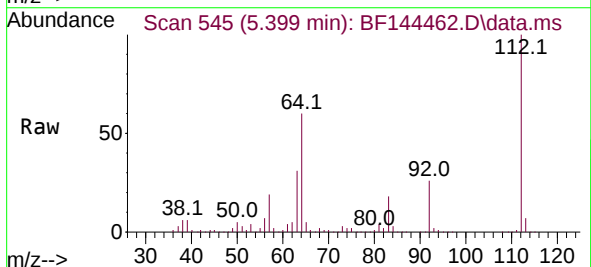
Instrument :
BNA_F
ClientSampleId :
C0B02



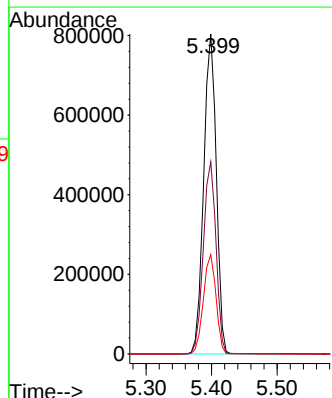
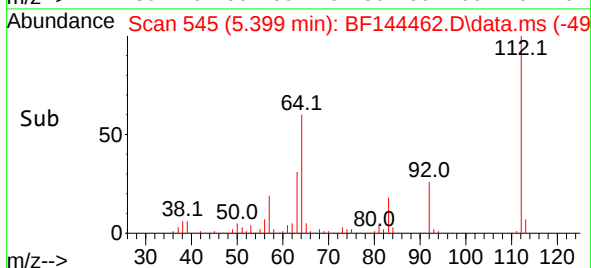
Tgt Ion:152 Resp: 188006
Ion Ratio Lower Upper
152 100
150 156.4 127.4 191.2
115 62.9 51.4 77.0

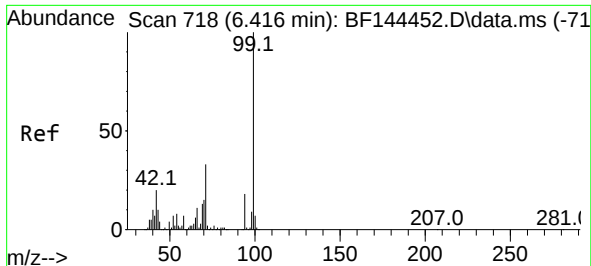


#5
2-Fluorophenol
Concen: 85.593 ng
RT: 5.399 min Scan# 545
Delta R.T. 0.000 min
Lab File: BF144462.D
Acq: 12 Dec 2025 21:01



Tgt Ion:112 Resp: 1067239
Ion Ratio Lower Upper
112 100
64 60.0 47.8 71.6
63 31.0 24.6 37.0

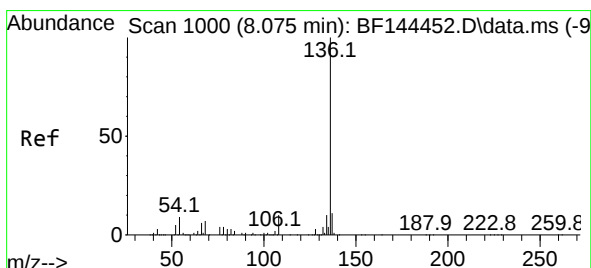
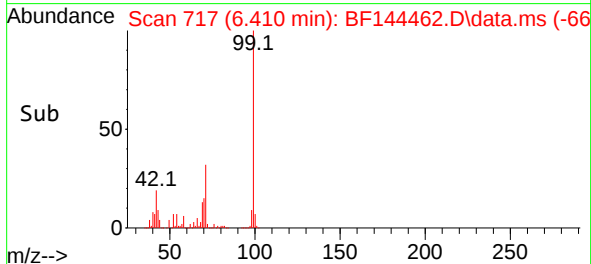
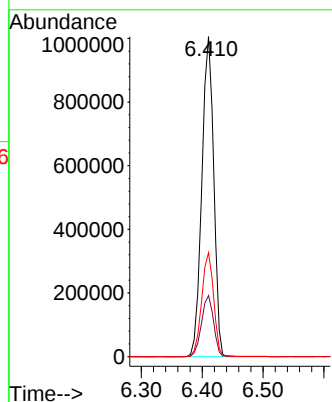
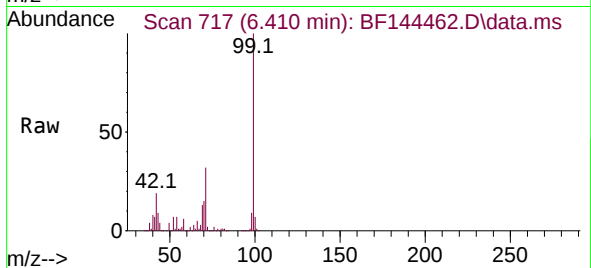




#7
Phenol-d6
Concen: 87.446 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144462.D
Acq: 12 Dec 2025 21:01

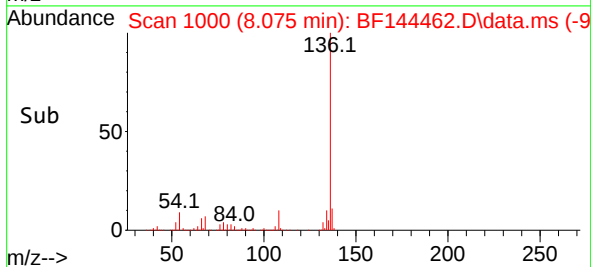
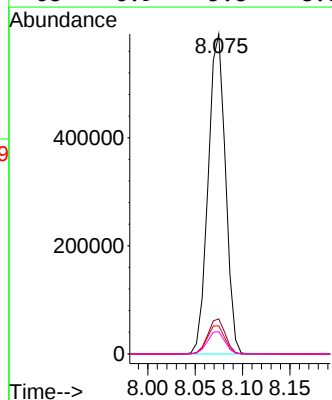
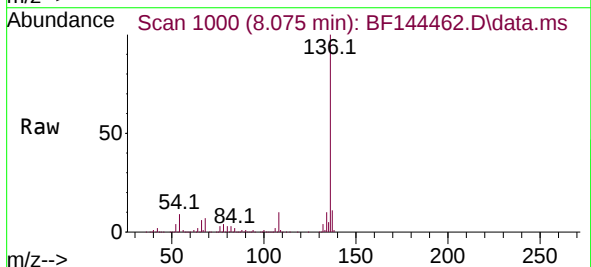
Instrument :
BNA_F
ClientSampleId :
C0B02

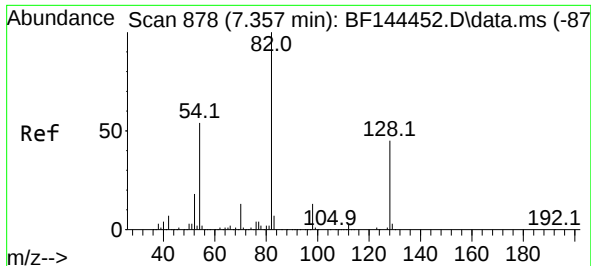
Tgt Ion: 99 Resp: 1360011
Ion Ratio Lower Upper
99 100
42 19.1 15.7 23.5
71 32.5 26.4 39.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF144462.D
Acq: 12 Dec 2025 21:01

Tgt Ion: 136 Resp: 752405
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.8 7.5 11.3
68 6.9 5.8 8.8





#23

Nitrobenzene-d5

Concen: 62.410 ng

RT: 7.351 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF144462.D

Acq: 12 Dec 2025 21:01

Instrument :

BNA_F

ClientSampleId :

C0B02

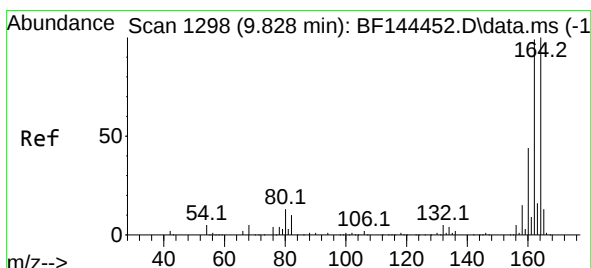
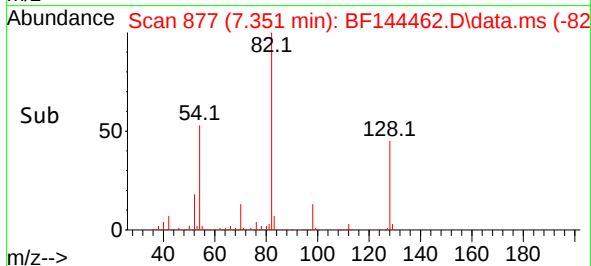
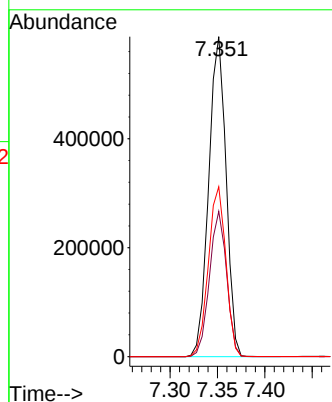
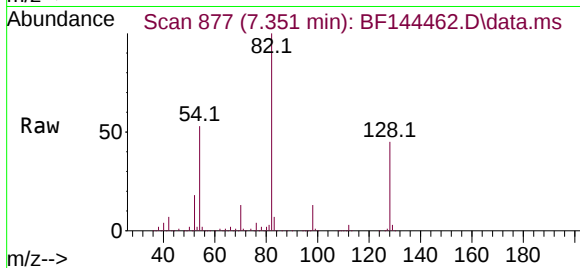
Tgt Ion: 82 Resp: 750384

Ion Ratio Lower Upper

82 100

128 45.4 35.5 53.3

54 53.1 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: BF144462.D

Acq: 12 Dec 2025 21:01

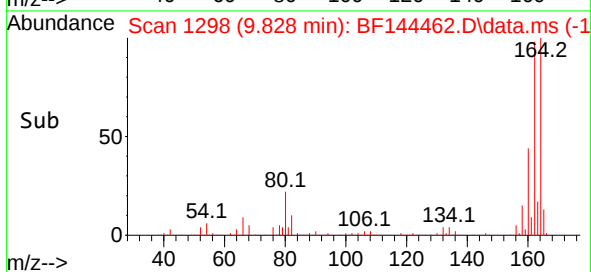
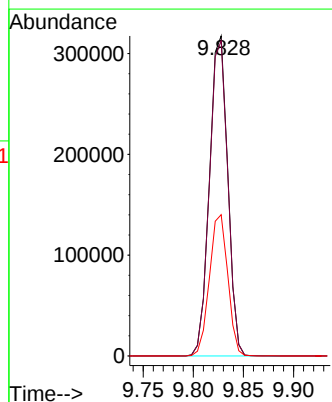
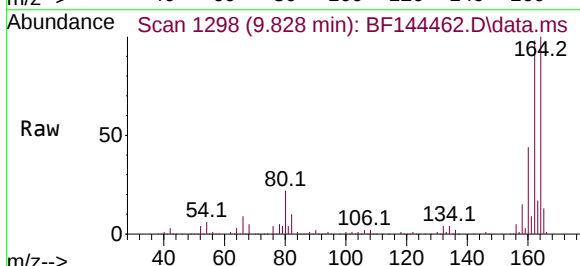
Tgt Ion:164 Resp: 401821

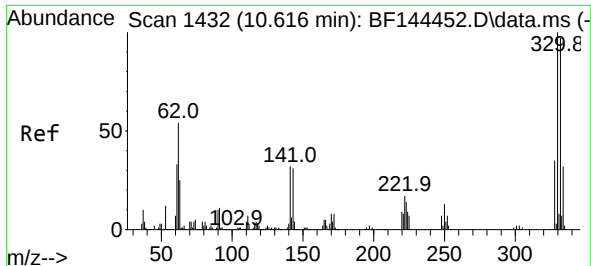
Ion Ratio Lower Upper

164 100

162 98.5 79.2 118.8

160 44.1 35.3 52.9

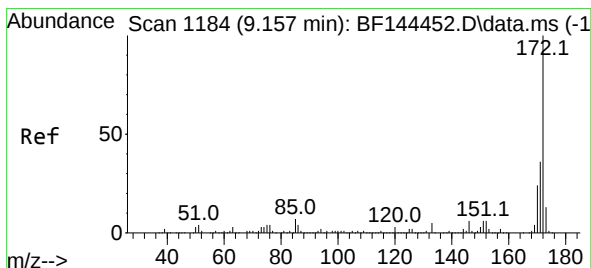
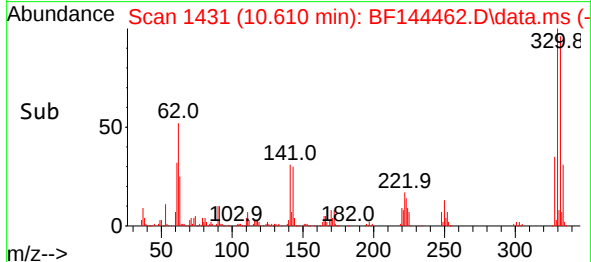
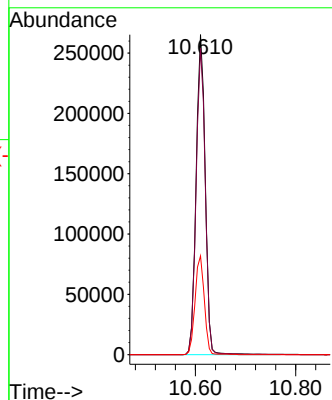
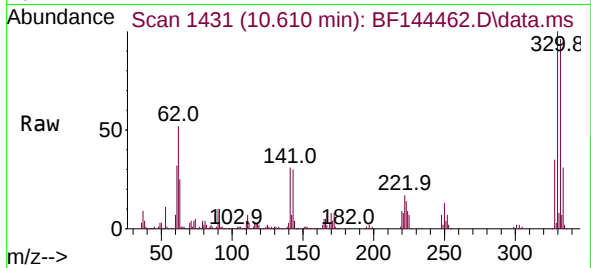




#42
2,4,6-Tribromophenol
Concen: 91.562 ng
RT: 10.610 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144462.D
Acq: 12 Dec 2025 21:01

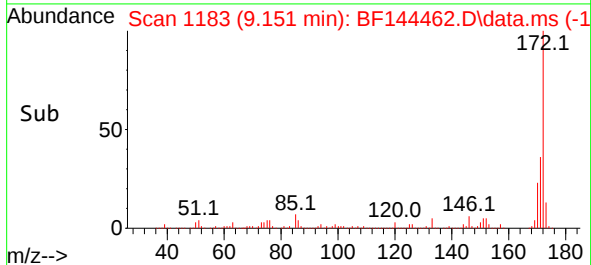
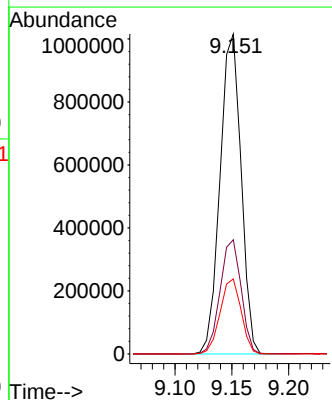
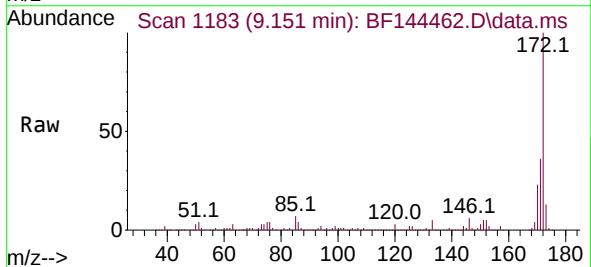
Instrument :
BNA_F
ClientSampleId :
C0B02

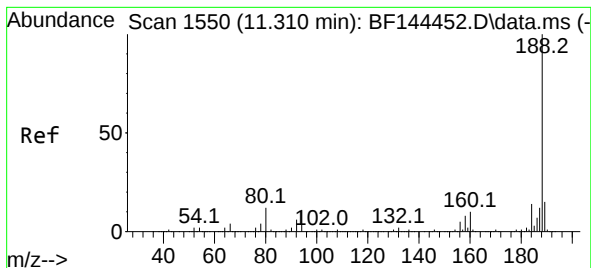
Tgt Ion:330 Resp: 332632
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 31.4 26.2 39.2



#45
2-Fluorobiphenyl
Concen: 50.013 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF144462.D
Acq: 12 Dec 2025 21:01

Tgt Ion:172 Resp: 1309993
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.4 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: BF144462.D

Acq: 12 Dec 2025 21:01

Instrument :

BNA_F

ClientSampleId :

C0B02

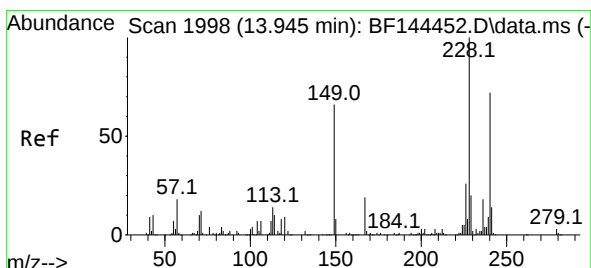
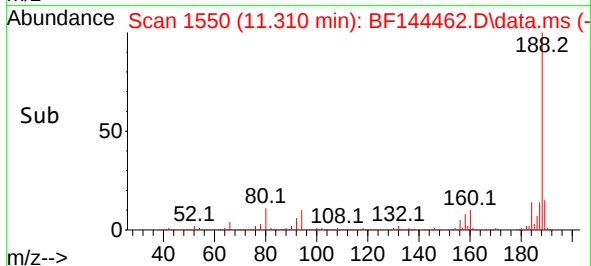
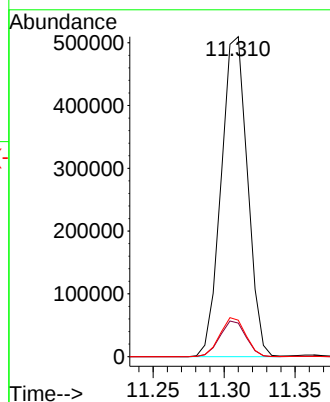
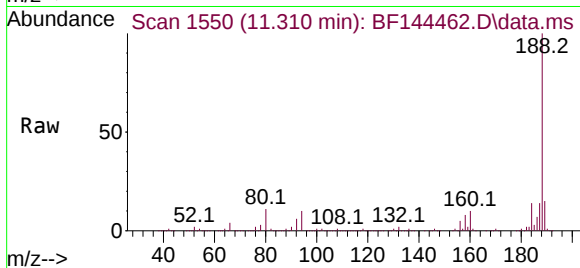
Tgt Ion:188 Resp: 657309

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: BF144462.D

Acq: 12 Dec 2025 21:01

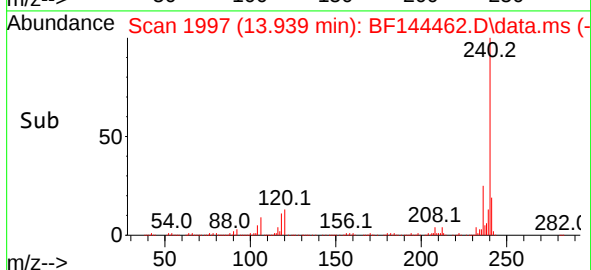
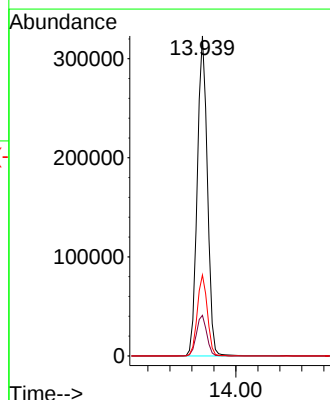
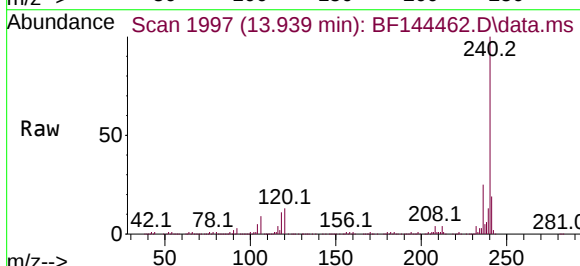
Tgt Ion:240 Resp: 412607

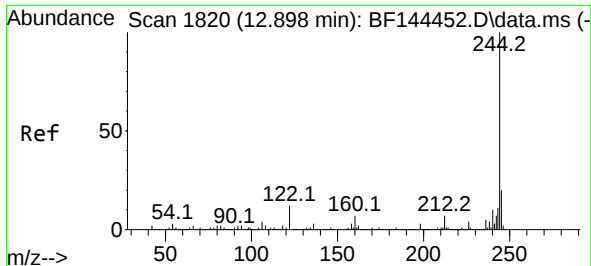
Ion Ratio Lower Upper

240 100

120 12.7 10.3 15.5

236 25.3 20.2 30.4

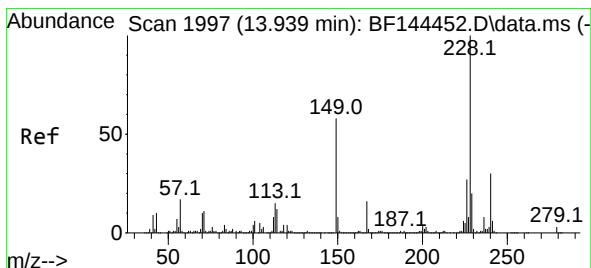
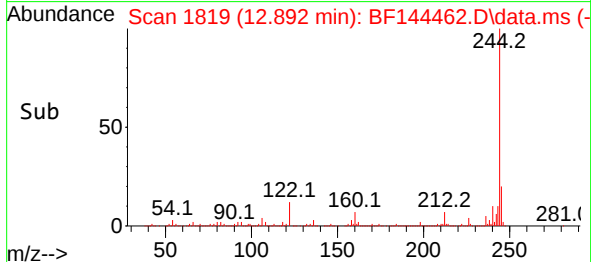
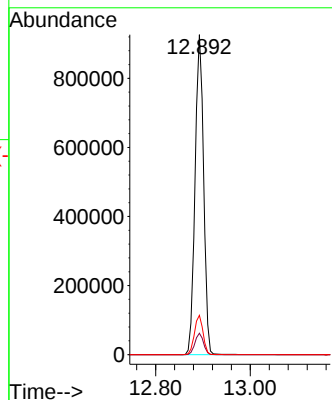
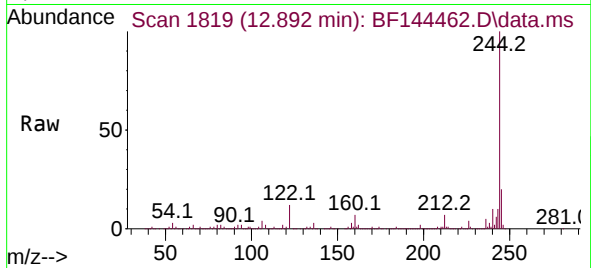




#79
 Terphenyl-d14
 Concen: 44.341 ng
 RT: 12.892 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF144462.D
 Acq: 12 Dec 2025 21:01

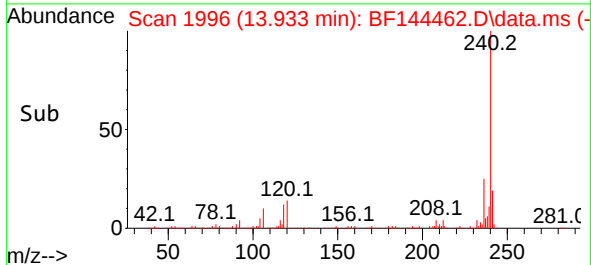
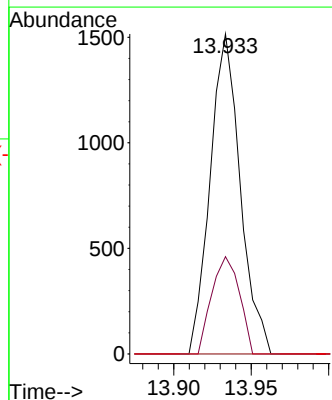
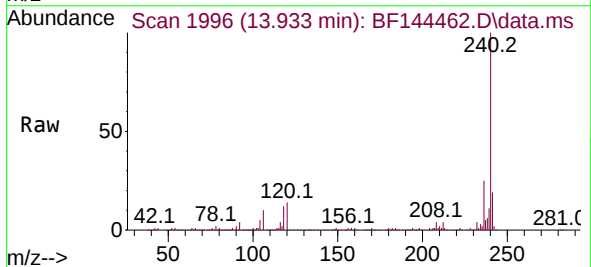
Instrument :
 BNA_F
 ClientSampleId :
 COB02

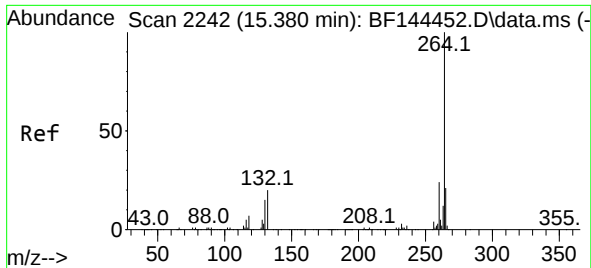
Tgt Ion:244 Resp: 1158826
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 12.3 9.9 14.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.038 ng
 RT: 13.933 min Scan# 1996
 Delta R.T. -0.006 min
 Lab File: BF144462.D
 Acq: 12 Dec 2025 21:01

Tgt Ion:149 Resp: 2053
 Ion Ratio Lower Upper
 149 100
 167 30.4 22.6 34.0
 279 0.0 3.7 5.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.374 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF144462.D
 Acq: 12 Dec 2025 21:01

Instrument :
 BNA_F
 ClientSampleId :
 C0B02

Tgt Ion:264 Resp: 387916
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.9 17.1 25.7

