

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144459.D
 Acq On : 12 Dec 2025 19:32
 Operator : RC/JU
 Sample : Q3839-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AS1

Quant Time: Dec 12 23:33:22 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)

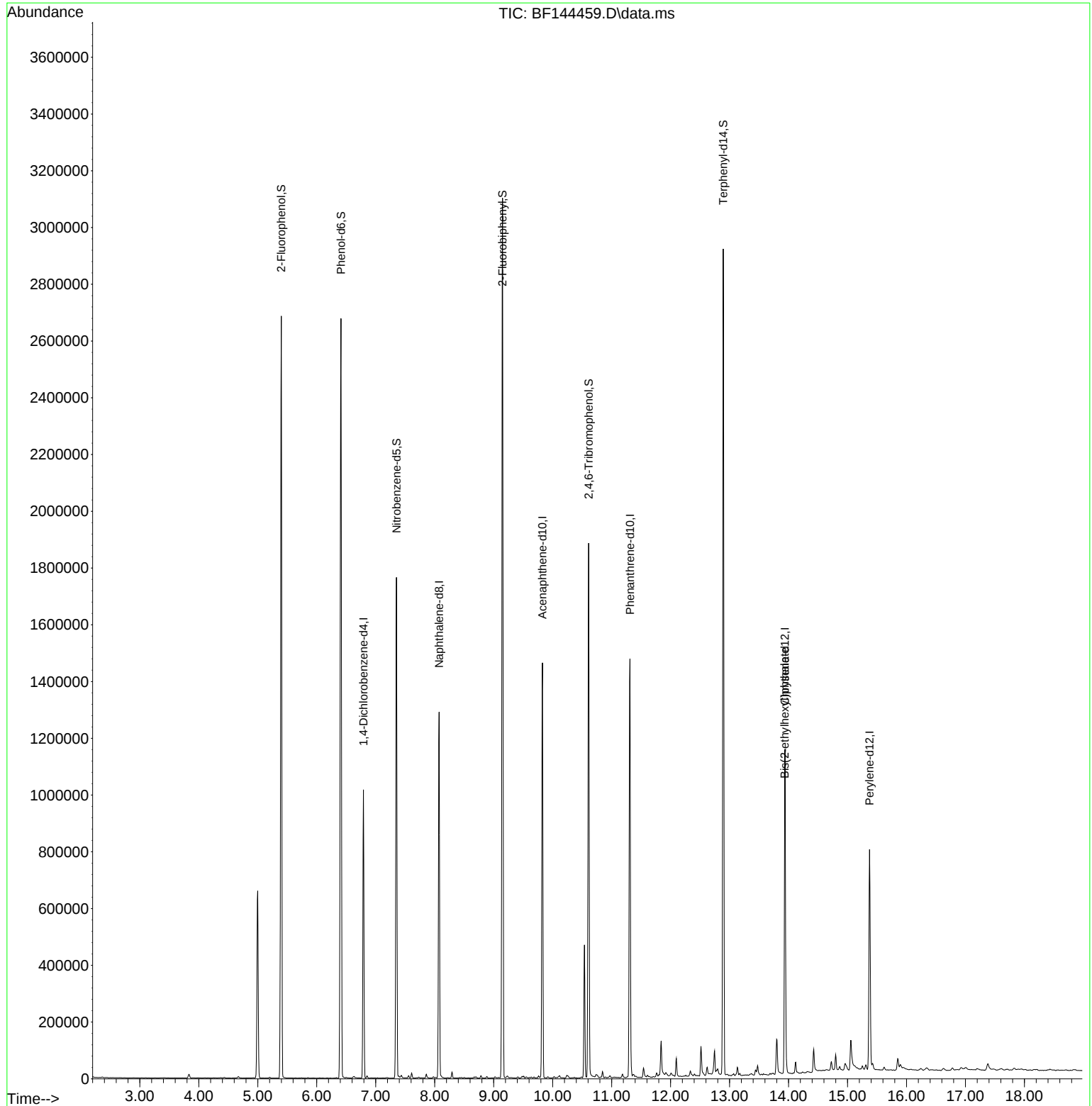
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	204564	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	797765	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	432795	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	744427	20.000	ng	0.00
76) Chrysene-d12	13.939	240	516579	20.000	ng	0.00
86) Perylene-d12	15.374	264	427388	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1017704	75.013	ng	0.00
7) Phenol-d6	6.410	99	1290334	76.250	ng	0.00
23) Nitrobenzene-d5	7.351	82	753183	59.081	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	312787	79.938	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1376265	48.783	ng	0.00
79) Terphenyl-d14	12.892	244	1354369	41.393	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.933	149	4590	3.143	ng	Qvalue # 98

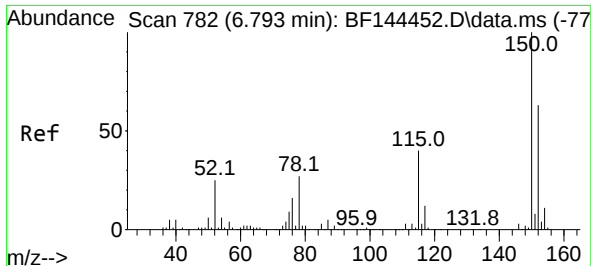
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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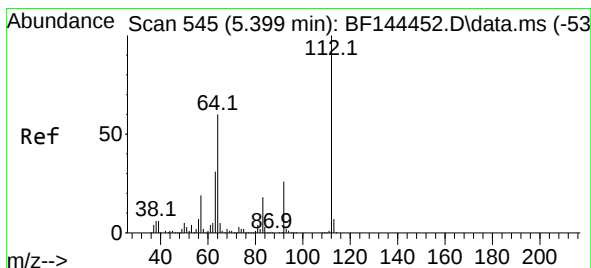
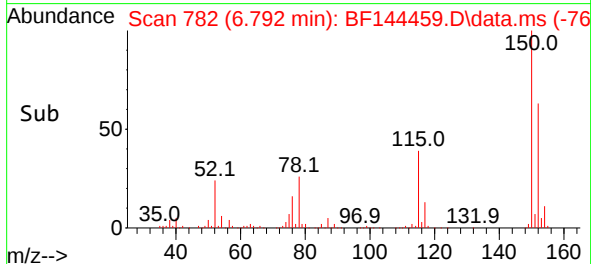
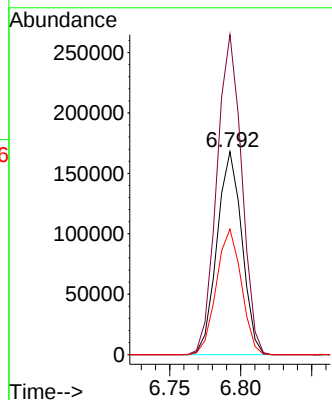
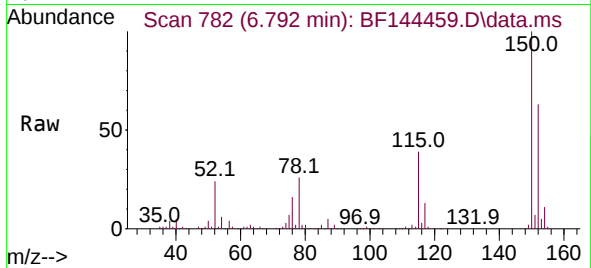




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 782
 Delta R.T. -0.001 min
 Lab File: BF144459.D
 Acq: 12 Dec 2025 19:32

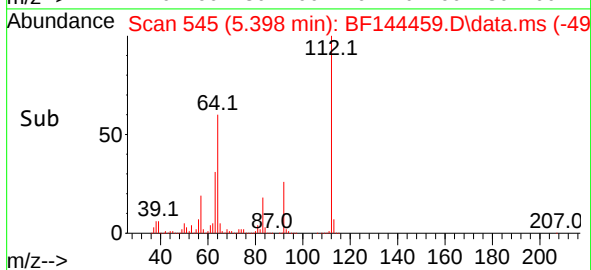
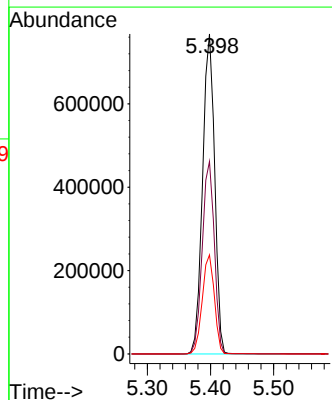
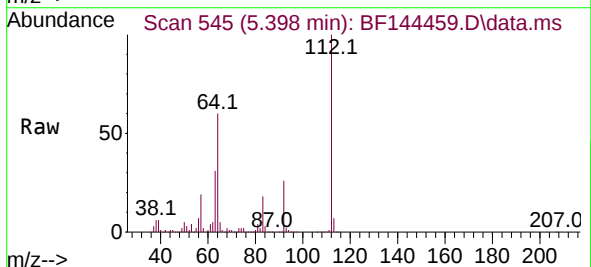
Instrument :
 BNA_F
 ClientSampleId :
 C0AS1

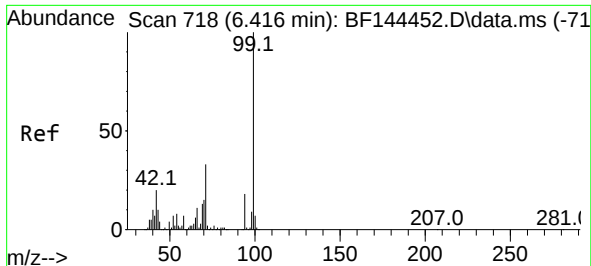
Tgt Ion:152 Resp: 204564
 Ion Ratio Lower Upper
 152 100
 150 157.7 127.4 191.2
 115 61.9 51.4 77.0



#5
 2-Fluorophenol
 Concen: 75.013 ng
 RT: 5.398 min Scan# 545
 Delta R.T. -0.000 min
 Lab File: BF144459.D
 Acq: 12 Dec 2025 19:32

Tgt Ion:112 Resp: 1017704
 Ion Ratio Lower Upper
 112 100
 64 60.1 47.8 71.6
 63 30.9 24.6 37.0



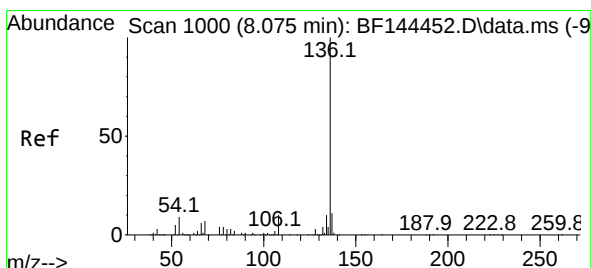
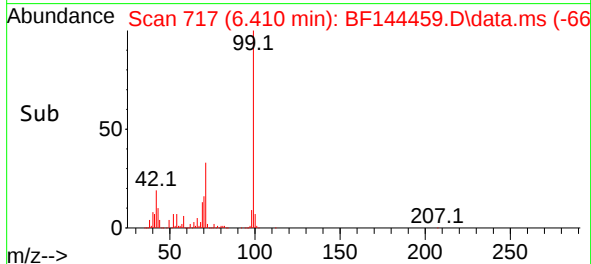
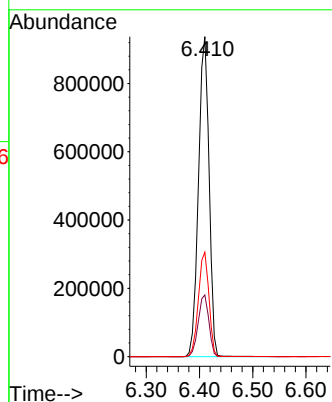
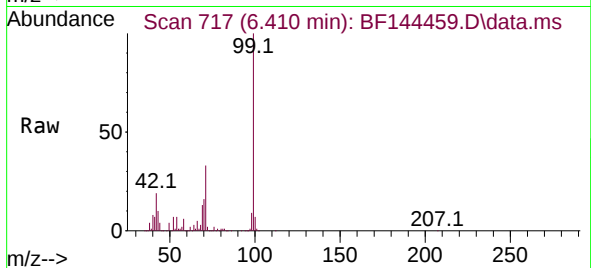


#7
Phenol-d6
Concen: 76.250 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144459.D
Acq: 12 Dec 2025 19:32

Instrument :
BNA_F
ClientSampleId :
C0AS1

Tgt Ion: 99 Resp: 1290334

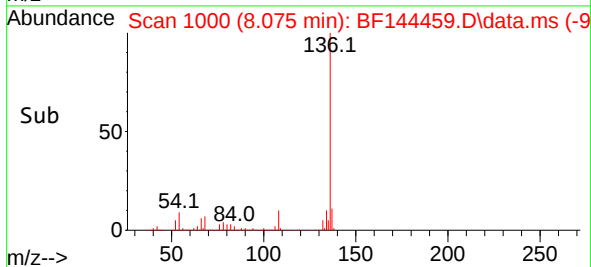
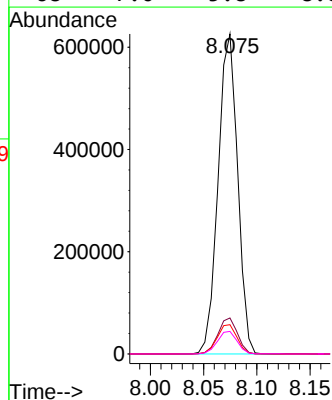
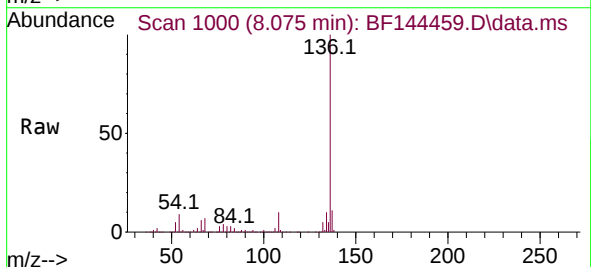
Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.7	23.5
71	32.6	26.4	39.6

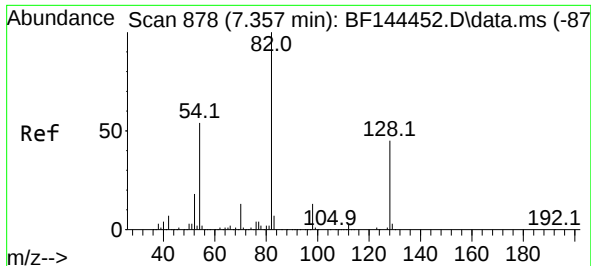


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF144459.D
Acq: 12 Dec 2025 19:32

Tgt Ion: 136 Resp: 797765

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.1	7.5	11.3
68	7.0	5.8	8.8





#23

Nitrobenzene-d5

Concen: 59.081 ng

RT: 7.351 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF144459.D

Acq: 12 Dec 2025 19:32

Instrument :

BNA_F

ClientSampleId :

C0AS1

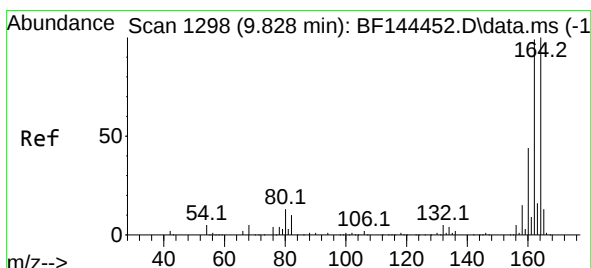
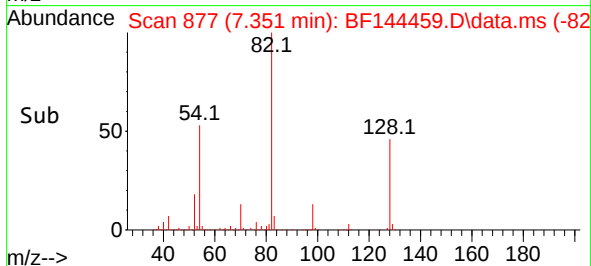
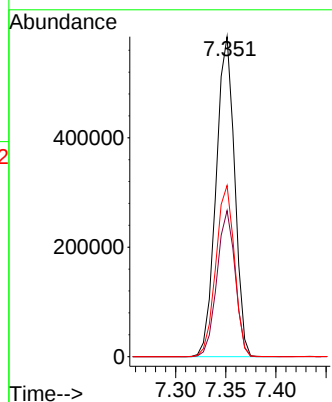
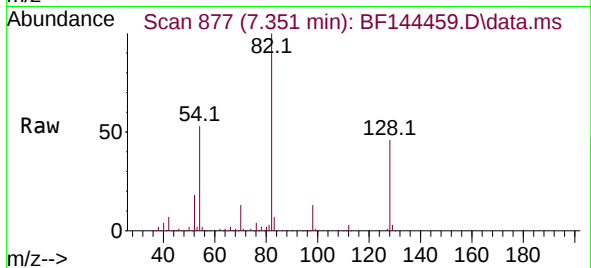
Tgt Ion: 82 Resp: 753183

Ion Ratio Lower Upper

82 100

128 45.6 35.5 53.3

54 53.5 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: BF144459.D

Acq: 12 Dec 2025 19:32

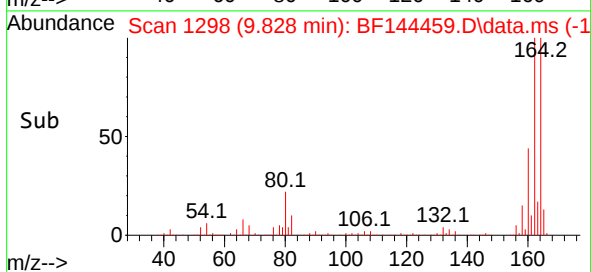
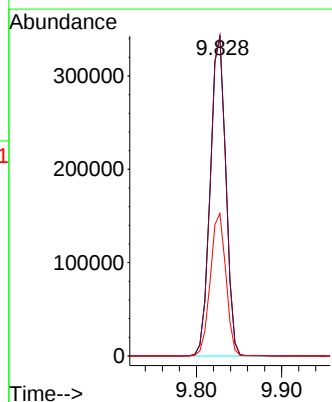
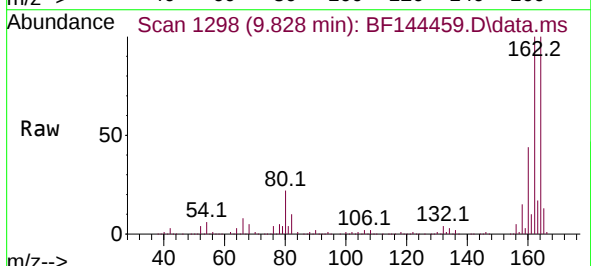
Tgt Ion:164 Resp: 432795

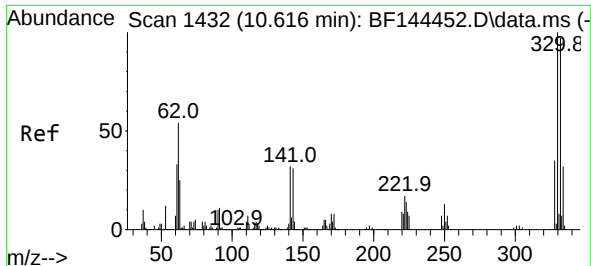
Ion Ratio Lower Upper

164 100

162 100.2 79.2 118.8

160 44.6 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 79.938 ng

RT: 10.610 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF144459.D

Acq: 12 Dec 2025 19:32

Instrument :

BNA_F

ClientSampleId :

C0AS1

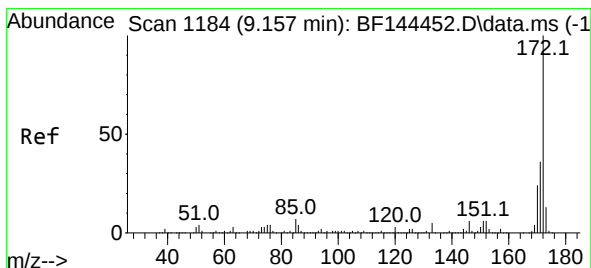
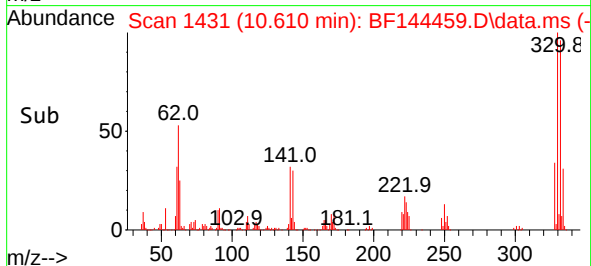
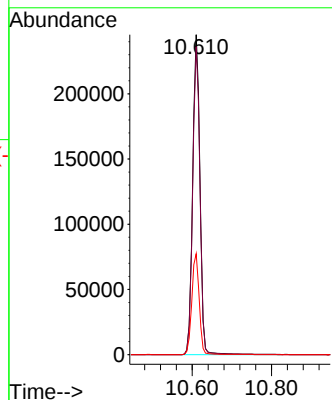
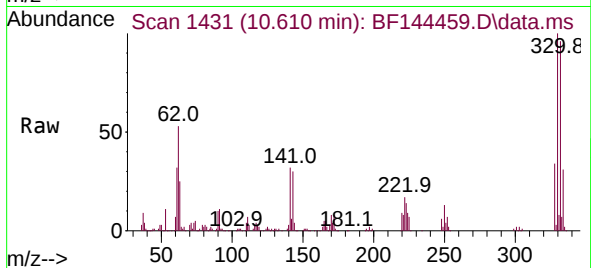
Tgt Ion:330 Resp: 312787

Ion Ratio Lower Upper

330 100

332 96.2 77.5 116.3

141 32.0 26.2 39.2



#45

2-Fluorobiphenyl

Concen: 48.783 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF144459.D

Acq: 12 Dec 2025 19:32

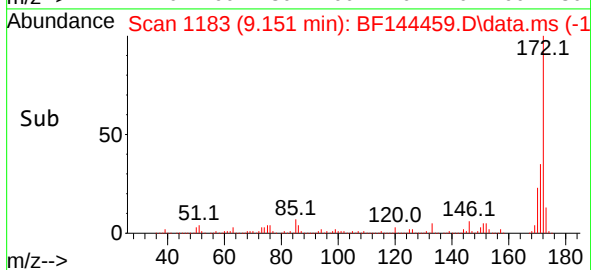
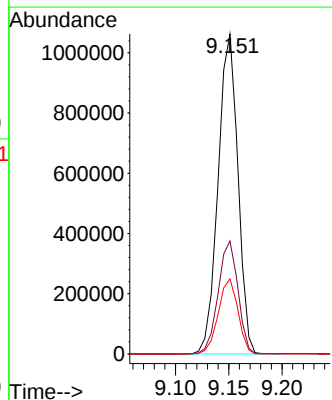
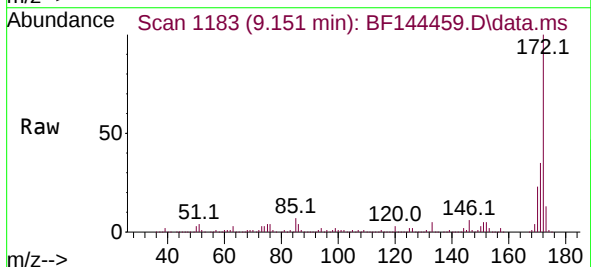
Tgt Ion:172 Resp: 1376265

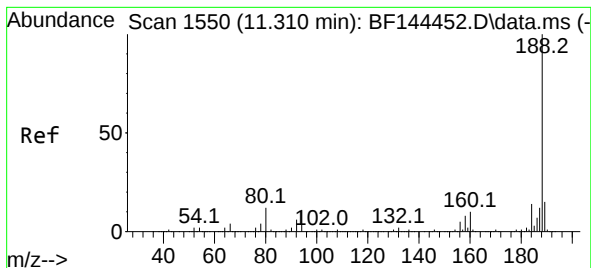
Ion Ratio Lower Upper

172 100

171 35.3 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: BF144459.D

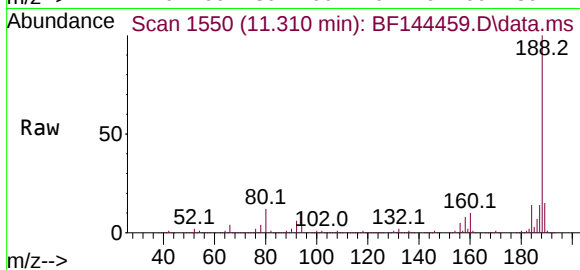
Acq: 12 Dec 2025 19:32

Instrument :

BNA_F

ClientSampleId :

C0AS1



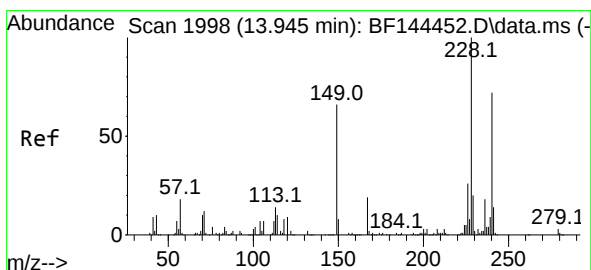
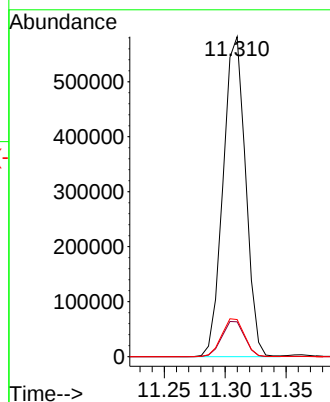
Tgt Ion:188 Resp: 744427

Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.6

80 11.6 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: BF144459.D

Acq: 12 Dec 2025 19:32

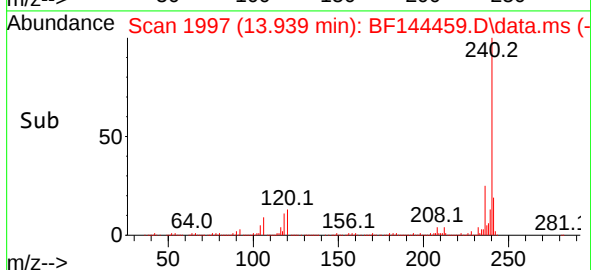
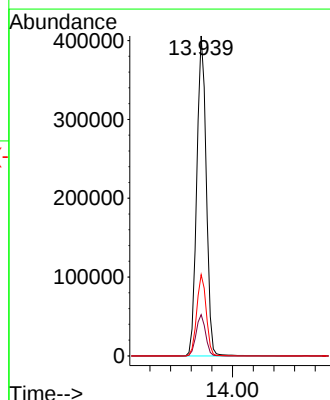
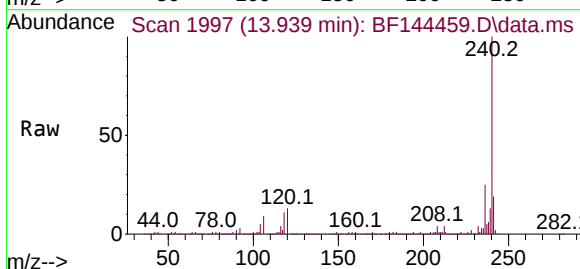
Tgt Ion:240 Resp: 516579

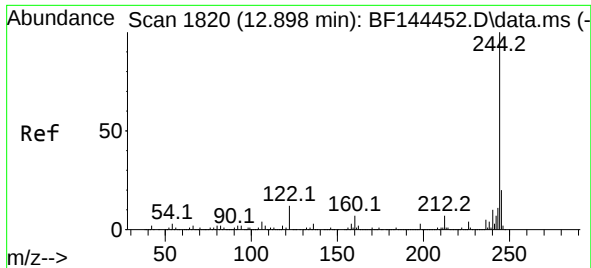
Ion Ratio Lower Upper

240 100

120 12.9 10.3 15.5

236 25.4 20.2 30.4

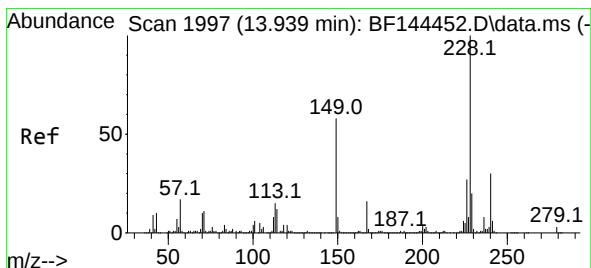
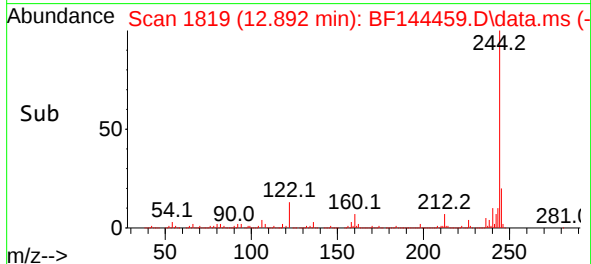
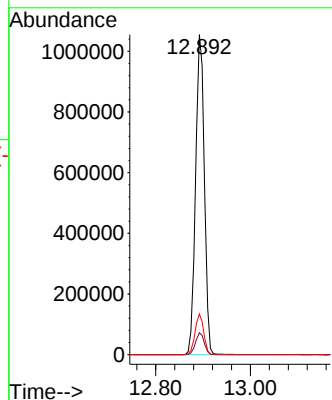
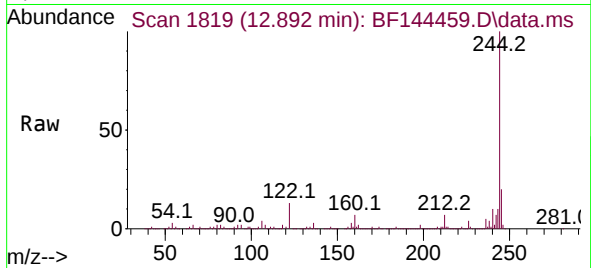




#79
 Terphenyl-d14
 Concen: 41.393 ng
 RT: 12.892 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF144459.D
 Acq: 12 Dec 2025 19:32

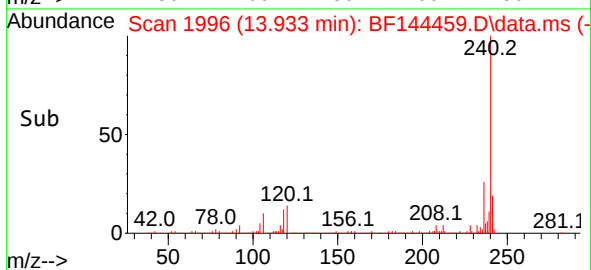
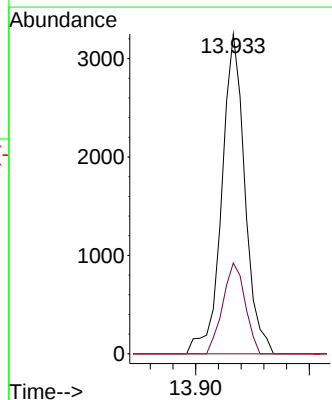
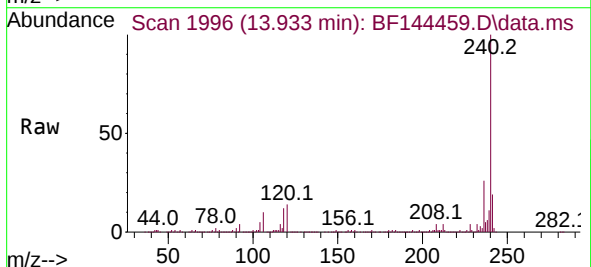
Instrument :
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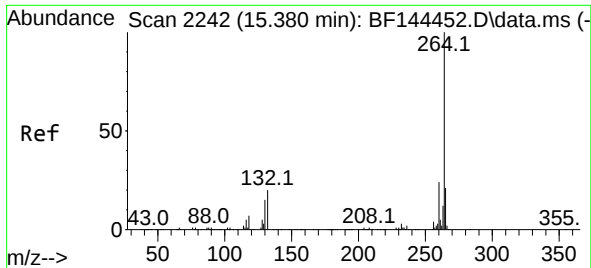
Tgt Ion:244 Resp: 1354369
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 12.7 9.9 14.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.143 ng
 RT: 13.933 min Scan# 1996
 Delta R.T. -0.006 min
 Lab File: BF144459.D
 Acq: 12 Dec 2025 19:32

Tgt Ion:149 Resp: 4590
 Ion Ratio Lower Upper
 149 100
 167 28.4 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: BF144459.D
 Acq: 12 Dec 2025 19:32

Instrument :
 BNA_F
 ClientSampleId :
 C0AS1

Tgt Ion:264 Resp: 427388
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.5 17.1 25.7

