

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144460.D
 Acq On : 12 Dec 2025 20:02
 Operator : RC/JU
 Sample : Q3839-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AS2

Quant Time: Dec 12 23:33:47 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)

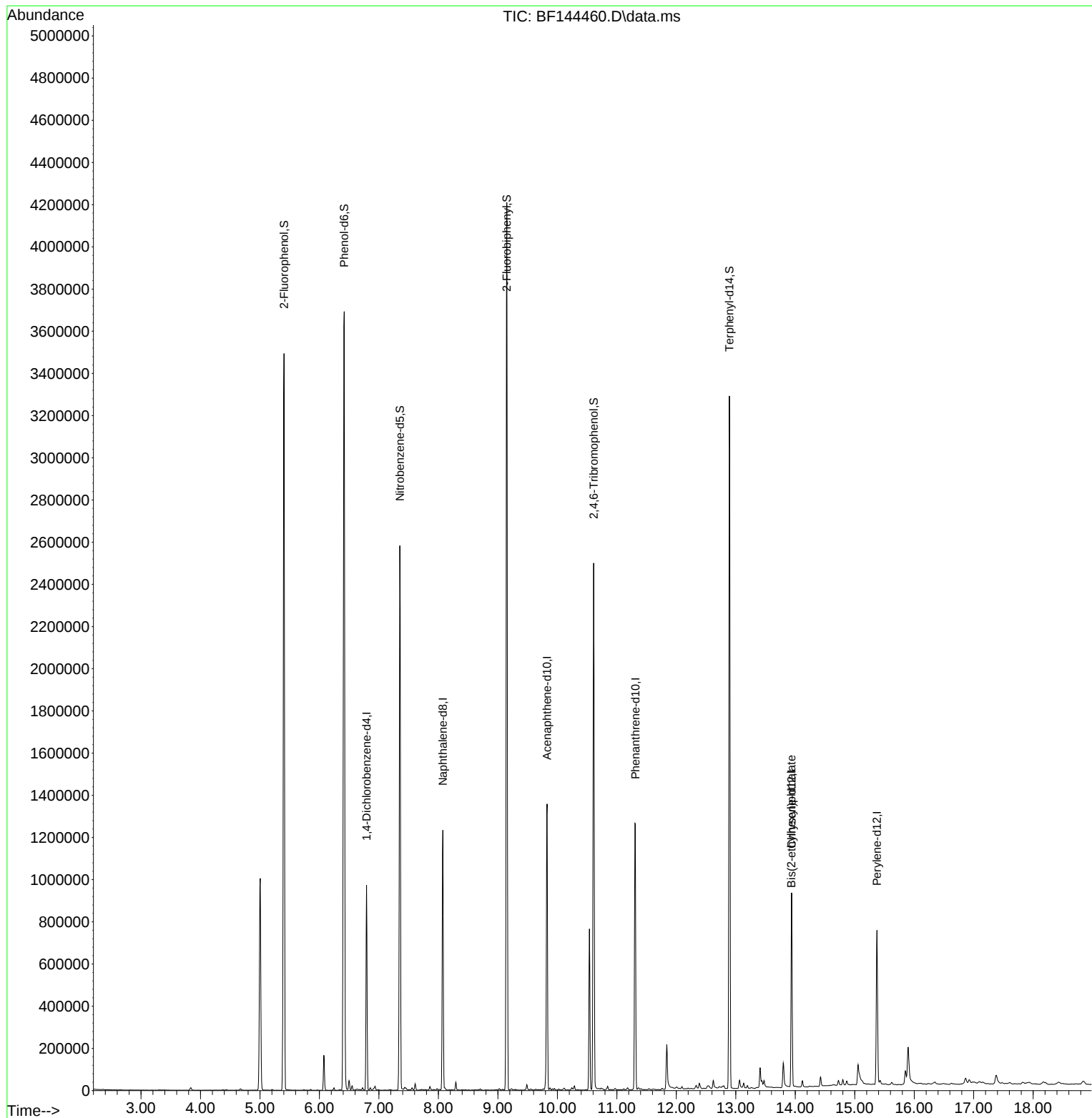
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	194872	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	762684	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	411086	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	655543	20.000	ng	0.00
76) Chrysene-d12	13.939	240	423206	20.000	ng	0.00
86) Perylene-d12	15.374	264	400401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1388210	107.412	ng	0.00
7) Phenol-d6	6.416	99	1945551	120.687	ng	0.00
23) Nitrobenzene-d5	7.351	82	1137962	93.369	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	415878	111.897	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1836529	68.535	ng	0.00
79) Terphenyl-d14	12.892	244	1573016	58.682	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.933	149	2841	3.085	ng	Qvalue # 89

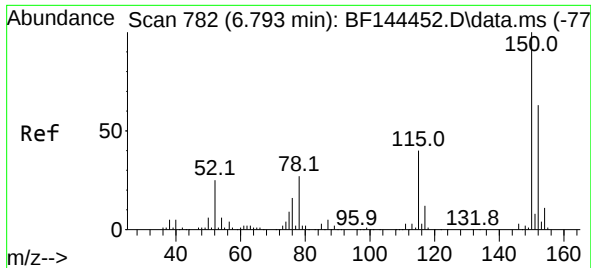
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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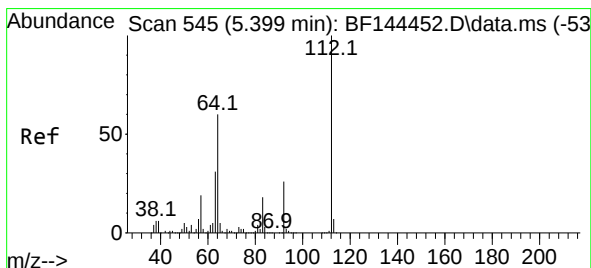
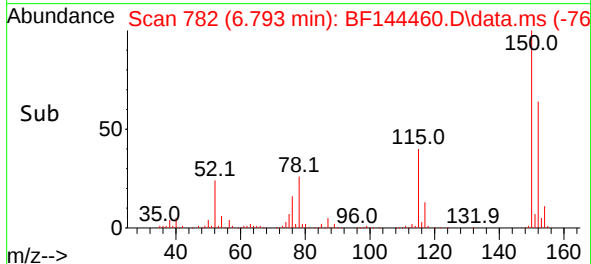
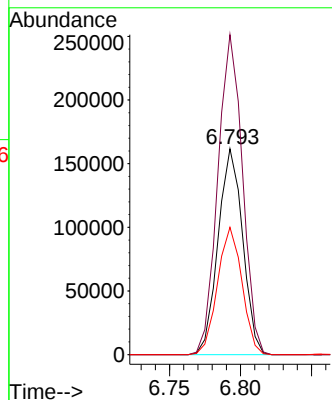
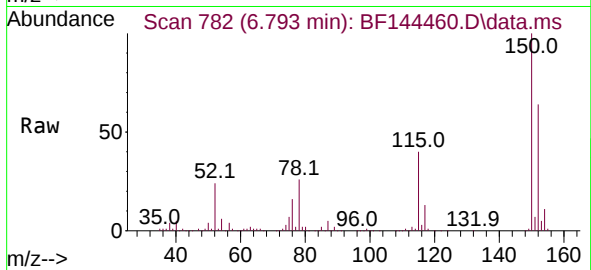




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF144460.D
Acq: 12 Dec 2025 20:02

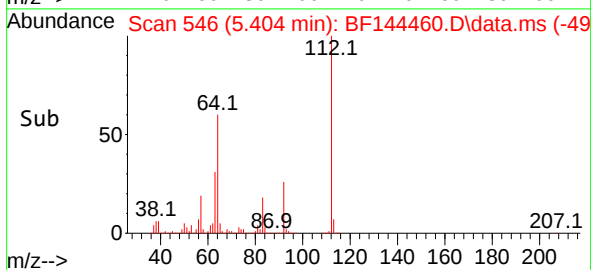
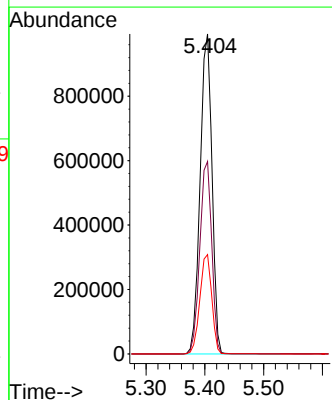
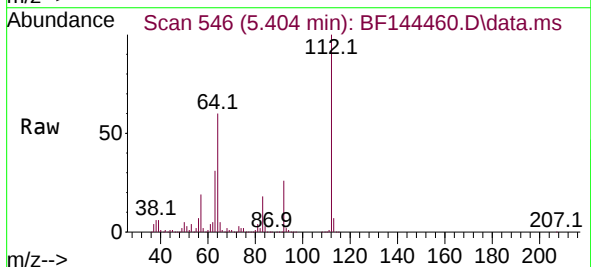
Instrument :
BNA_F
ClientSampleId :
C0AS2

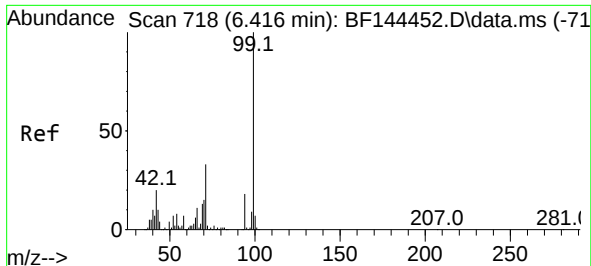
Tgt Ion:152 Resp: 194872
Ion Ratio Lower Upper
152 100
150 155.4 127.4 191.2
115 61.8 51.4 77.0



#5
2-Fluorophenol
Concen: 107.412 ng
RT: 5.404 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF144460.D
Acq: 12 Dec 2025 20:02

Tgt Ion:112 Resp: 1388210
Ion Ratio Lower Upper
112 100
64 60.1 47.8 71.6
63 31.0 24.6 37.0

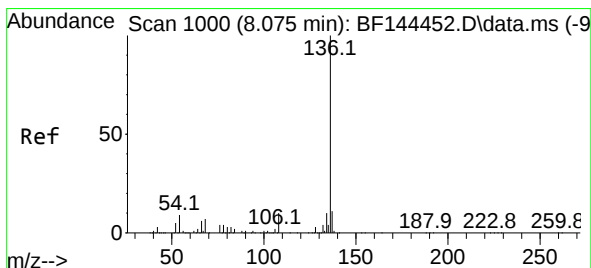
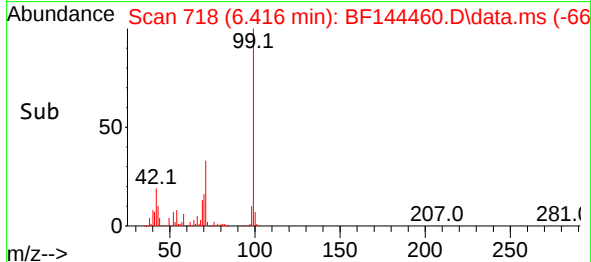
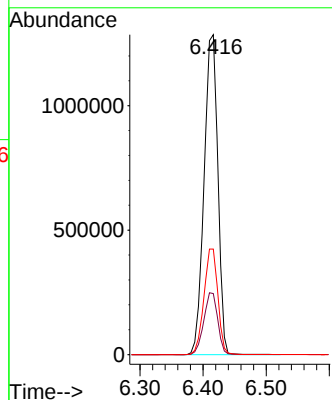
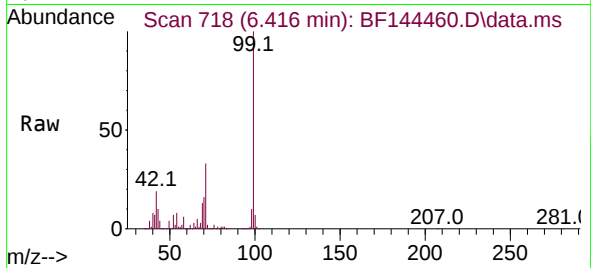




#7
Phenol-d6
Concen: 120.687 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF144460.D
Acq: 12 Dec 2025 20:02

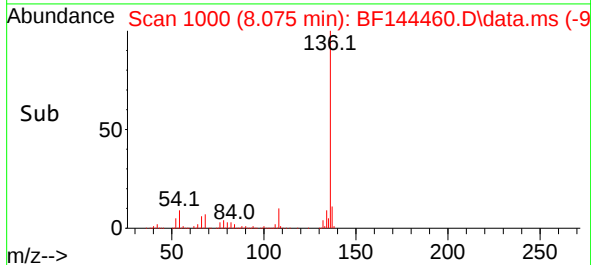
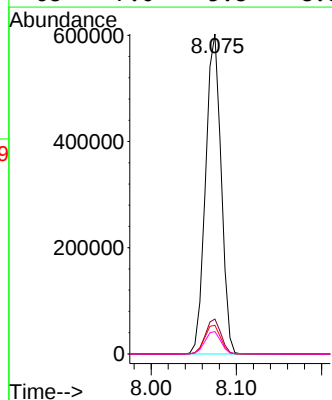
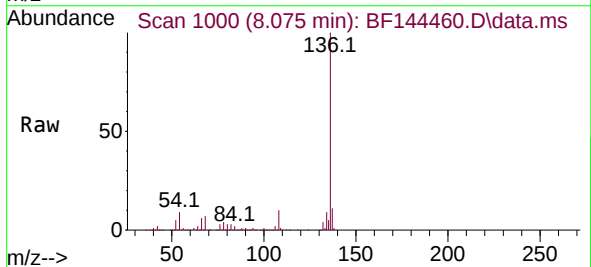
Instrument :
BNA_F
ClientSampleId :
C0AS2

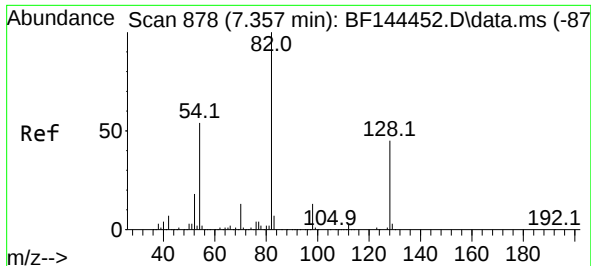
Tgt Ion: 99 Resp: 1945551
Ion Ratio Lower Upper
99 100
42 19.1 15.7 23.5
71 33.0 26.4 39.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF144460.D
Acq: 12 Dec 2025 20:02

Tgt Ion: 136 Resp: 762684
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.9 7.5 11.3
68 7.0 5.8 8.8

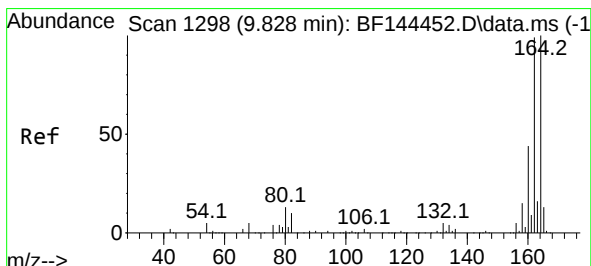
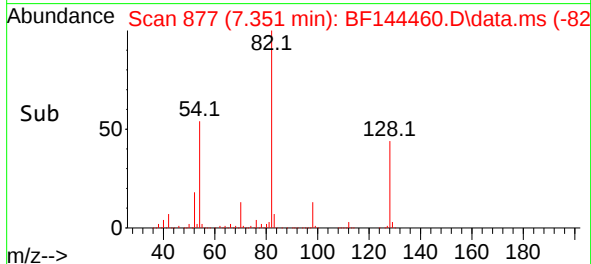
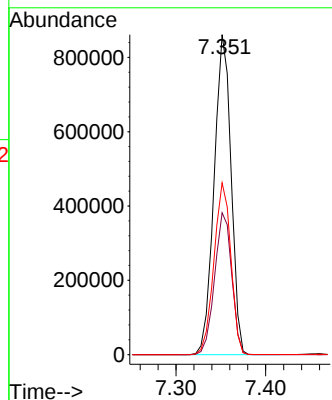
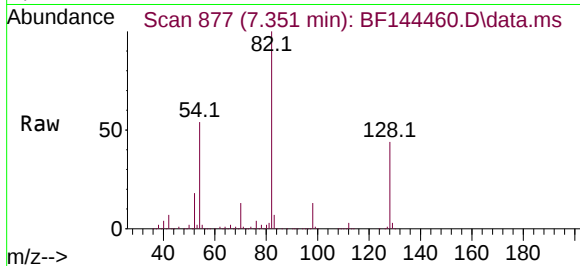




#23
Nitrobenzene-d5
Concen: 93.369 ng
RT: 7.351 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144460.D
Acq: 12 Dec 2025 20:02

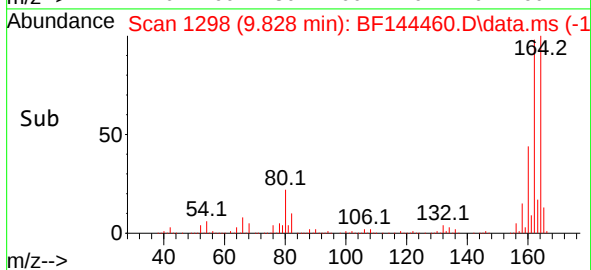
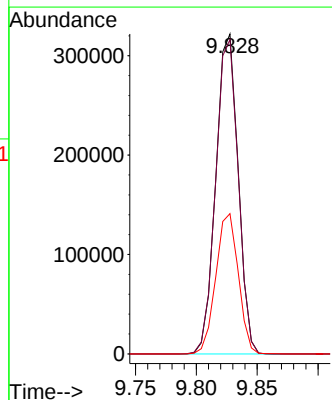
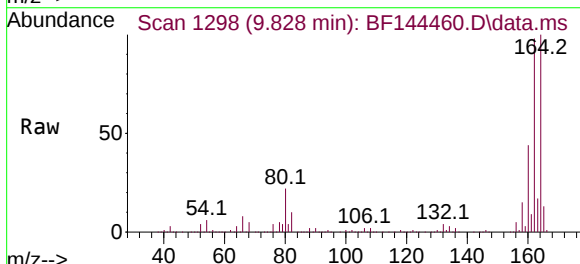
Instrument :
BNA_F
ClientSampleId :
C0AS2

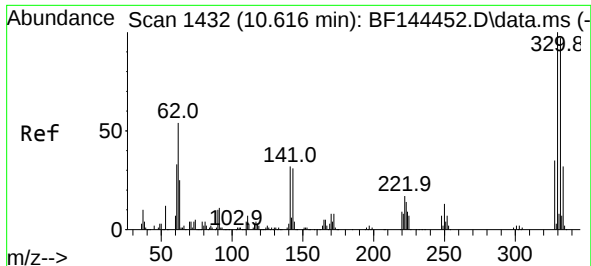
Tgt Ion: 82 Resp: 1137962
Ion Ratio Lower Upper
82 100
128 44.3 35.5 53.3
54 53.7 43.3 64.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF144460.D
Acq: 12 Dec 2025 20:02

Tgt Ion:164 Resp: 411086
Ion Ratio Lower Upper
164 100
162 98.2 79.2 118.8
160 43.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 111.897 ng

RT: 10.610 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF144460.D

Acq: 12 Dec 2025 20:02

Instrument :

BNA_F

ClientSampleId :

C0AS2

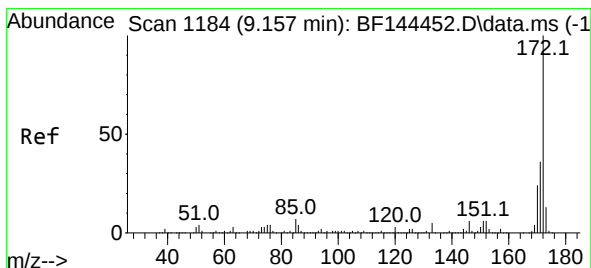
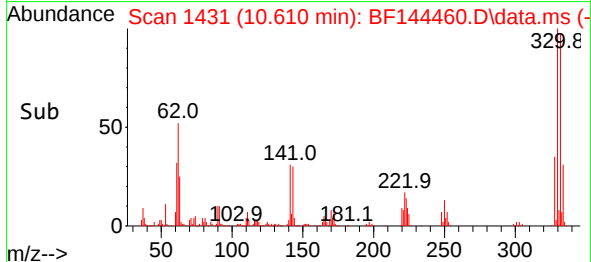
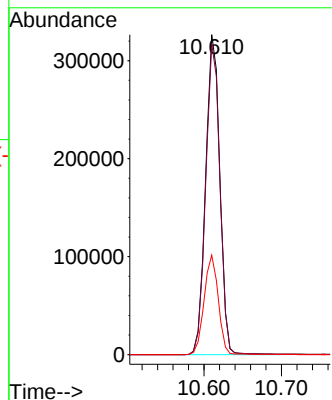
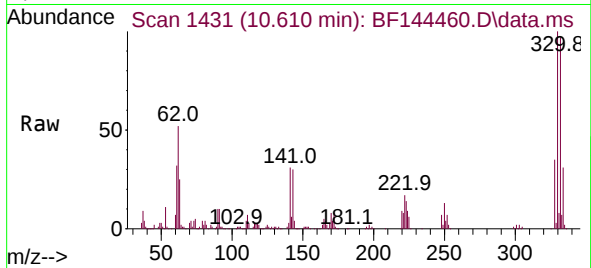
Tgt Ion:330 Resp: 415878

Ion Ratio Lower Upper

330 100

332 97.0 77.5 116.3

141 31.0 26.2 39.2



#45

2-Fluorobiphenyl

Concen: 68.535 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF144460.D

Acq: 12 Dec 2025 20:02

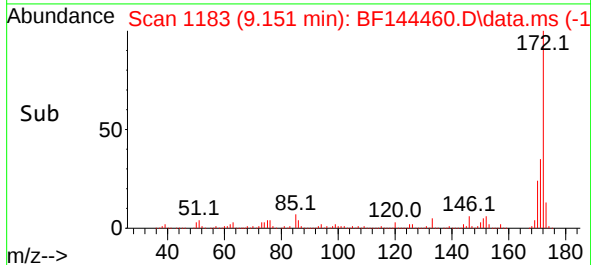
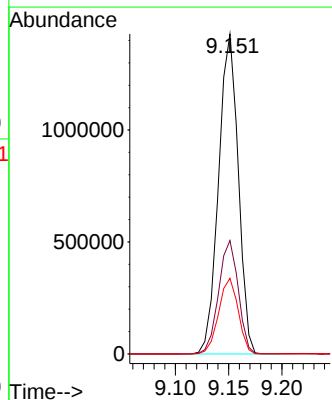
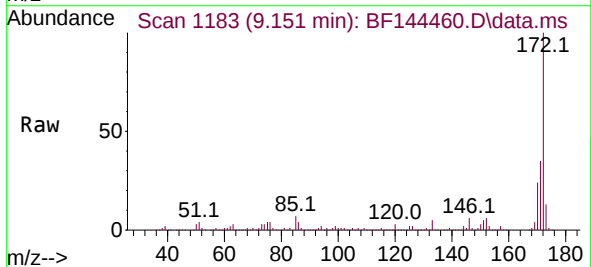
Tgt Ion:172 Resp: 1836529

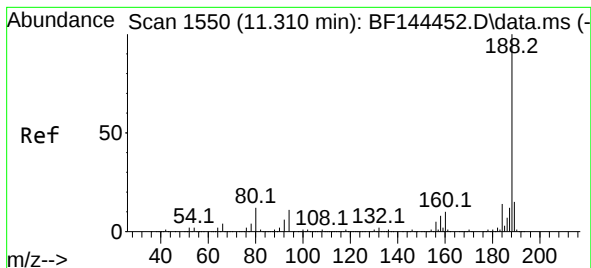
Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.6 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: BF144460.D

Acq: 12 Dec 2025 20:02

Instrument :

BNA_F

ClientSampleId :

C0AS2

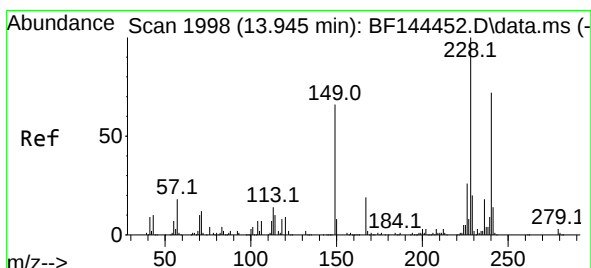
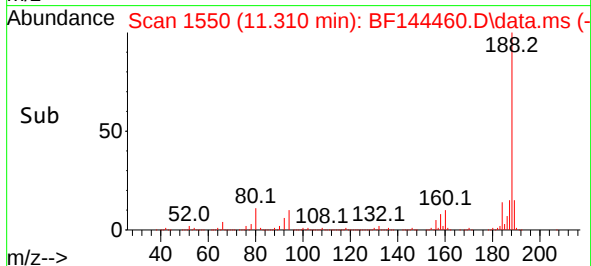
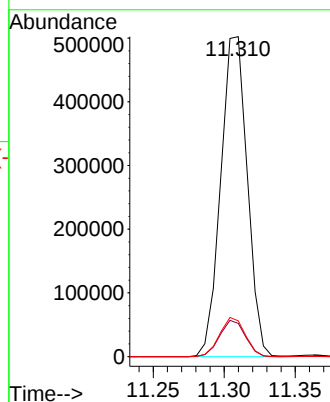
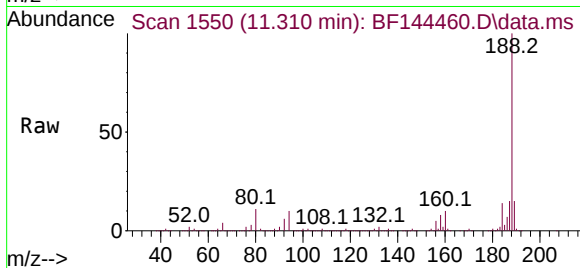
Tgt Ion:188 Resp: 655543

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: BF144460.D

Acq: 12 Dec 2025 20:02

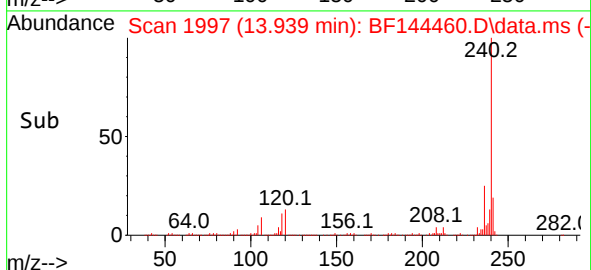
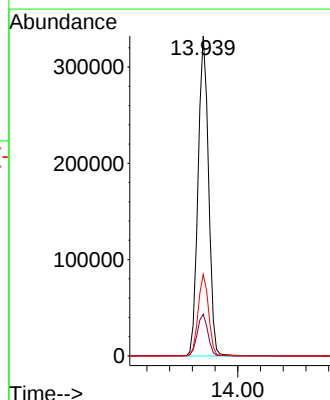
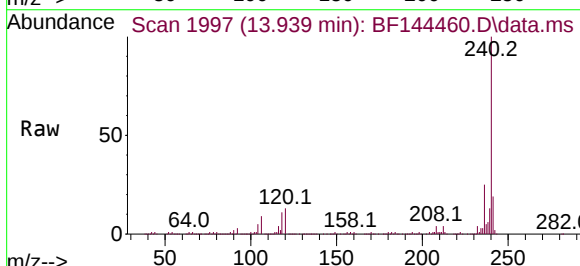
Tgt Ion:240 Resp: 423206

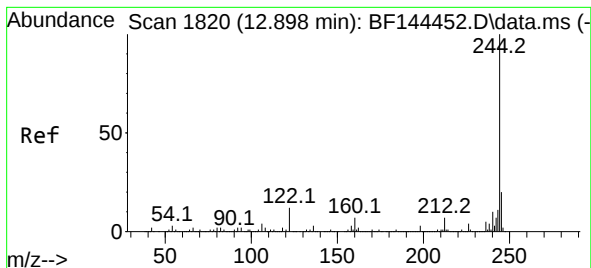
Ion Ratio Lower Upper

240 100

120 13.0 10.3 15.5

236 25.5 20.2 30.4





#79

Terphenyl-d14

Concen: 58.682 ng

RT: 12.892 min Scan# 1819

Delta R.T. -0.006 min

Lab File: BF144460.D

Acq: 12 Dec 2025 20:02

Instrument :

BNA_F

ClientSampleId :

C0AS2

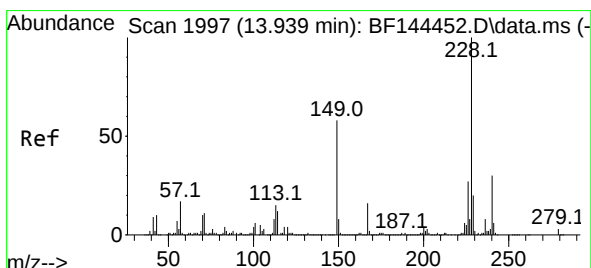
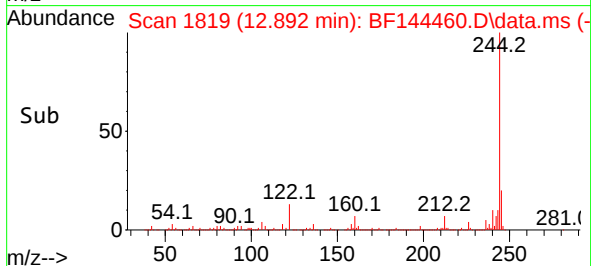
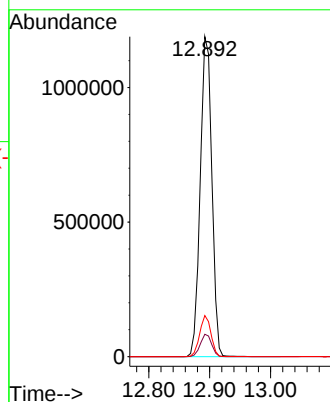
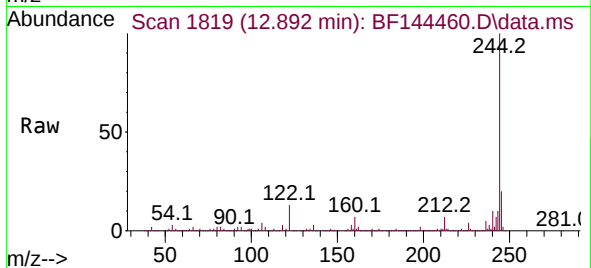
Tgt Ion:244 Resp: 1573016

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 12.8 9.9 14.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.085 ng

RT: 13.933 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF144460.D

Acq: 12 Dec 2025 20:02

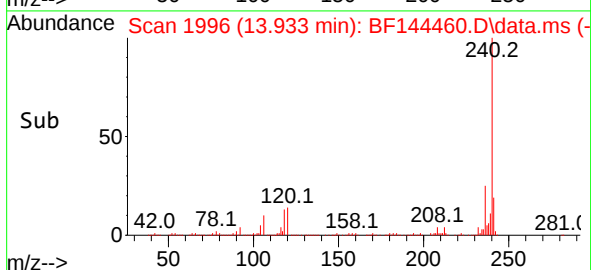
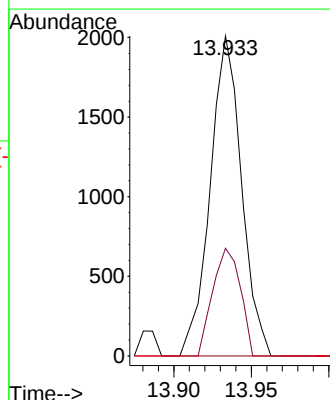
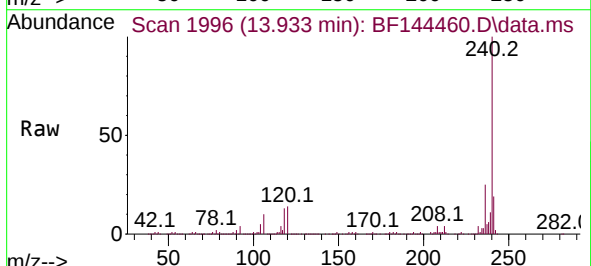
Tgt Ion:149 Resp: 2841

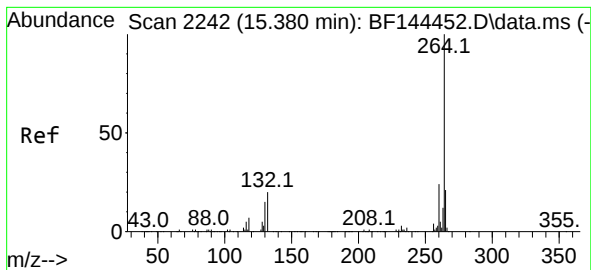
Ion Ratio Lower Upper

149 100

167 33.6 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: BF144460.D

Acq: 12 Dec 2025 20:02

Instrument :

BNA_F

ClientSampleId :

C0AS2

Tgt Ion:264 Resp: 400401

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.1 17.1 25.7

