

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143870.D
Acq On : 02 Oct 2025 22:32
Operator : RC/JU
Sample : Q3262-05 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0281-82

Quant Time: Oct 03 01:30:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	128829	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	451322	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	219824	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	325642	20.000	ng	0.00
76) Chrysene-d12	14.086	240	217694	20.000	ng	0.02
86) Perylene-d12	15.574	264	404410	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	48874	6.164	ng	-0.01
7) Phenol-d6	6.498	99	56559	6.173	ng	-0.01
23) Nitrobenzene-d5	7.440	82	29986	4.067	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	11331	3.481	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	71311	5.062	ng	0.00
79) Terphenyl-d14	13.010	244	61192	5.717	ng	0.00

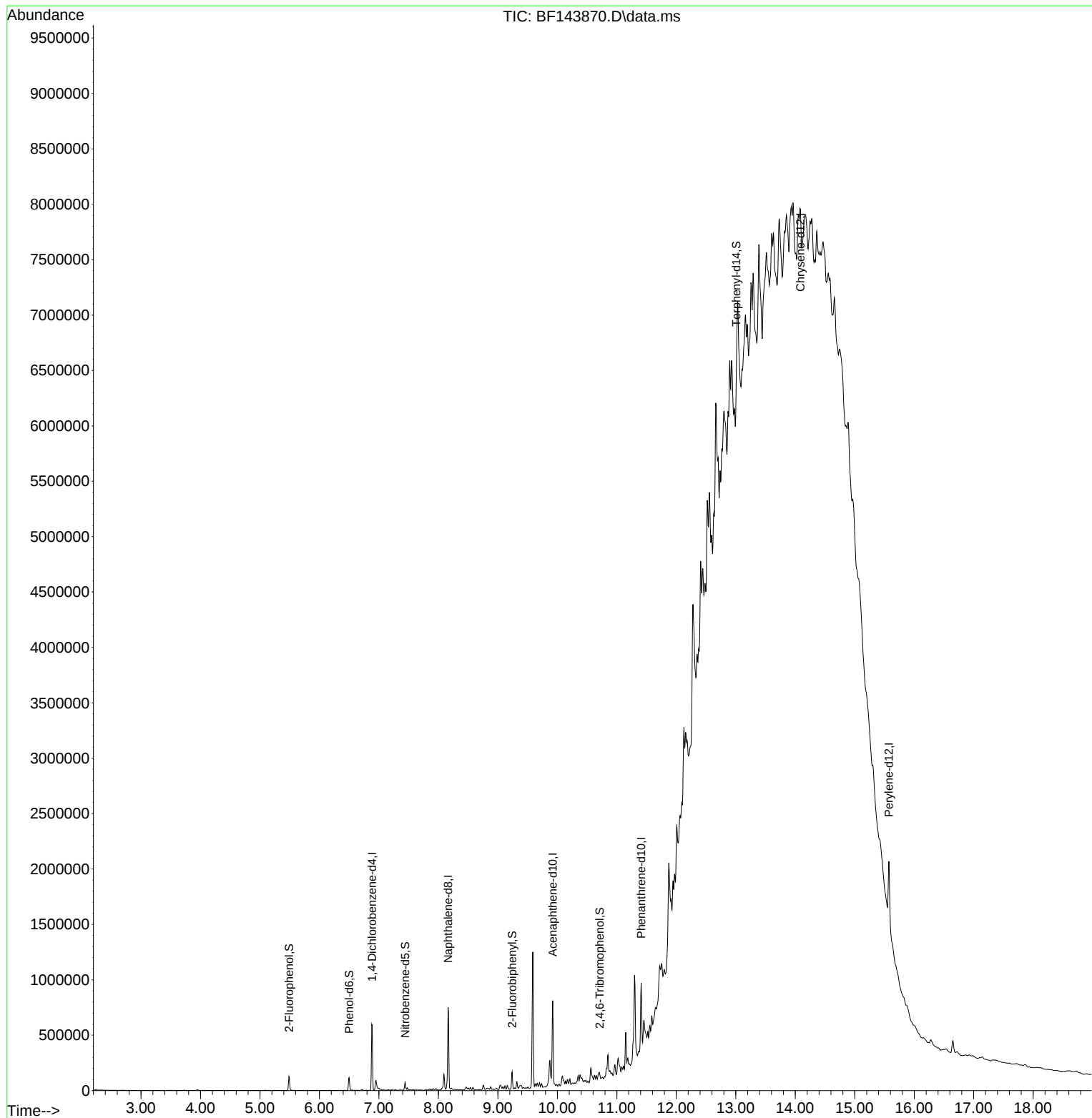
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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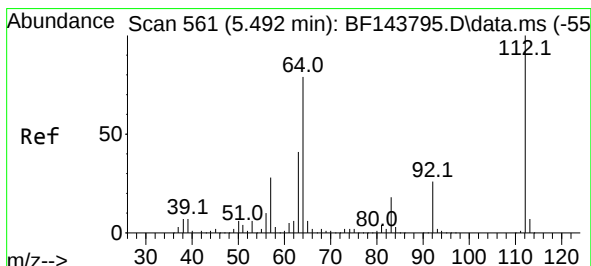
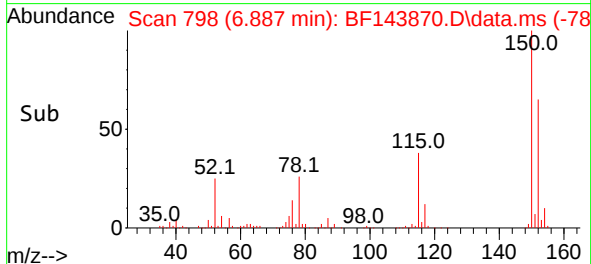
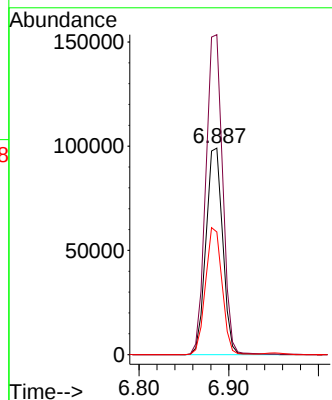
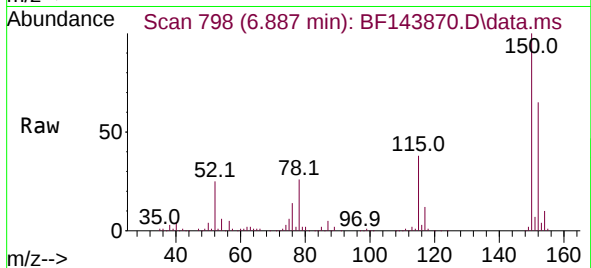




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF143870.D
Acq: 02 Oct 2025 22:32

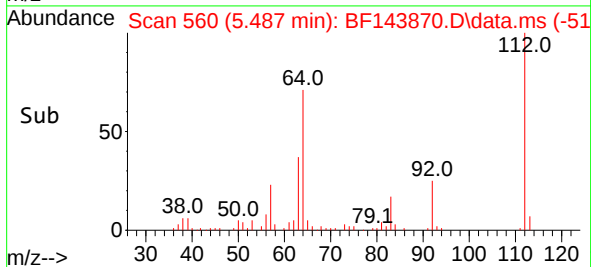
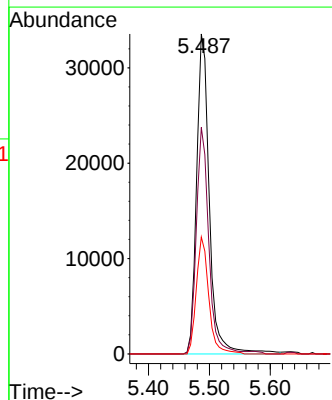
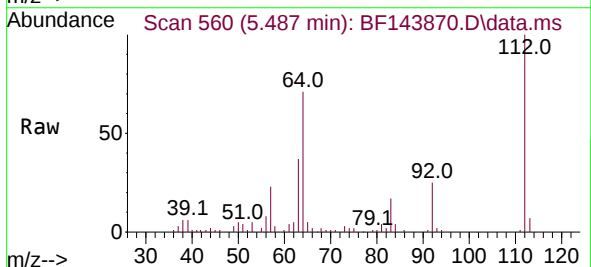
Instrument :
BNA_F
ClientSampleId :
MOO-25-0281-82

Tgt Ion:152 Resp: 128829
Ion Ratio Lower Upper
152 100
150 154.9 129.6 194.4
115 59.4 49.0 73.4



#5
2-Fluorophenol
Concen: 6.164 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.011 min
Lab File: BF143870.D
Acq: 02 Oct 2025 22:32

Tgt Ion:112 Resp: 48874
Ion Ratio Lower Upper
112 100
64 70.8 63.0 94.4
63 36.5 32.6 49.0

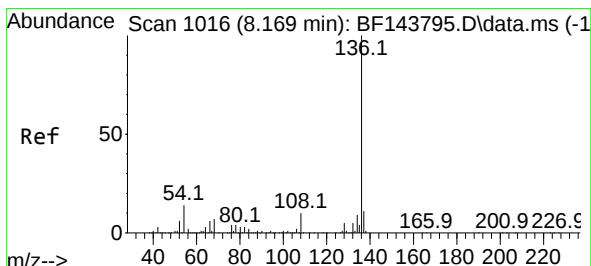
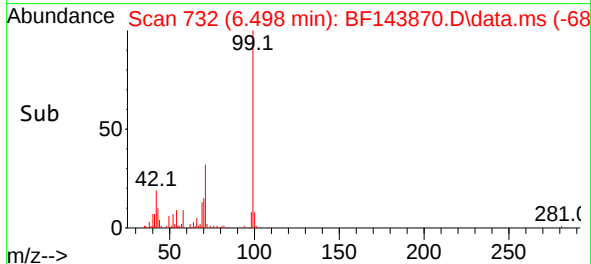
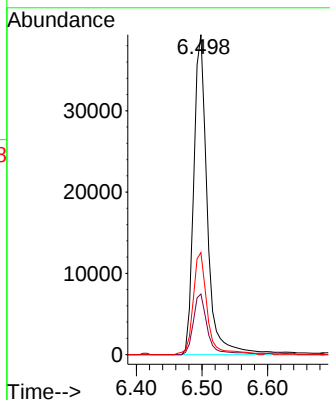
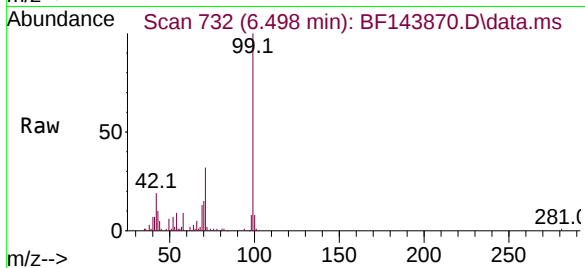




#7
Phenol-d6
Concen: 6.173 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF143870.D
Acq: 02 Oct 2025 22:32

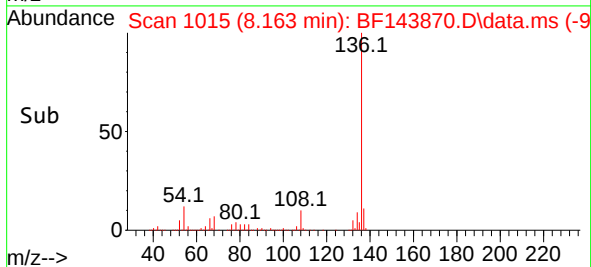
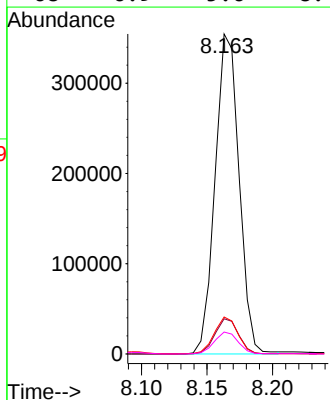
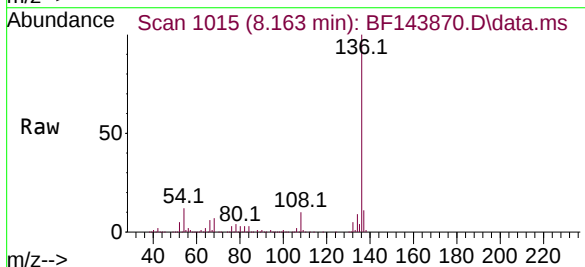
Instrument :
BNA_F
ClientSampleId :
MOO-25-0281-82

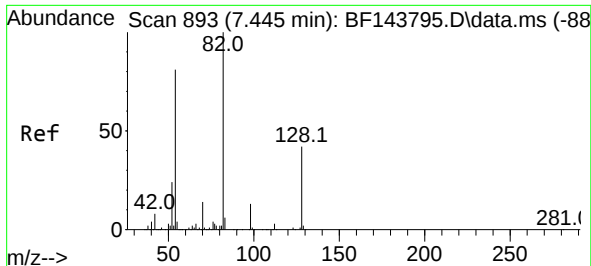
Tgt Ion: 99	Resp: 56559
Ion Ratio	Lower Upper
99 100	
42 18.9	18.6 28.0
71 31.9	27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143870.D
Acq: 02 Oct 2025 22:32

Tgt Ion: 136	Resp: 451322
Ion Ratio	Lower Upper
136 100	
137 11.0	9.0 13.4
54 11.5	11.2 16.8
68 6.9	5.6 8.4





#23

Nitrobenzene-d5

Concen: 4.067 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.011 min

Lab File: BF143870.D

Acq: 02 Oct 2025 22:32

Instrument :

BNA_F

ClientSampleId :

MOO-25-0281-82

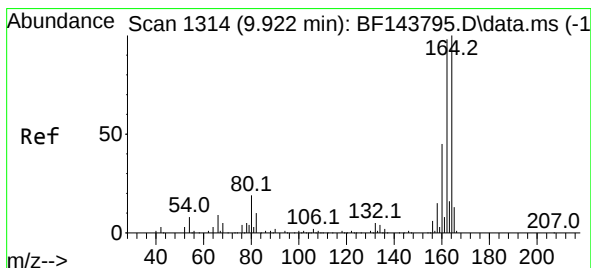
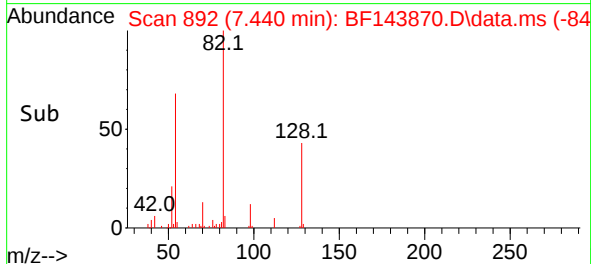
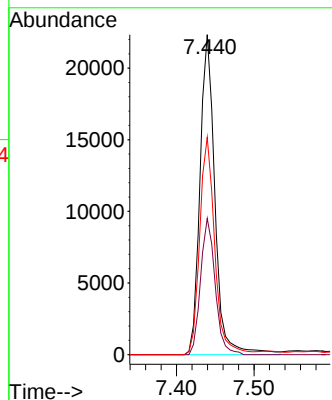
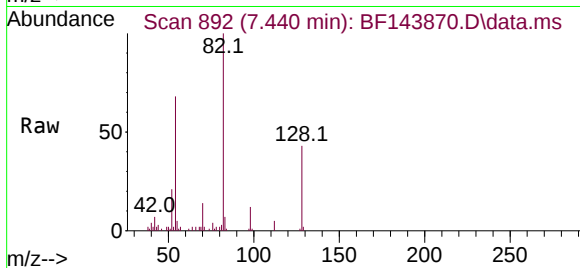
Tgt Ion: 82 Resp: 29986

Ion Ratio Lower Upper

82 100

128 42.6 33.3 49.9

54 67.9 64.2 96.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143870.D

Acq: 02 Oct 2025 22:32

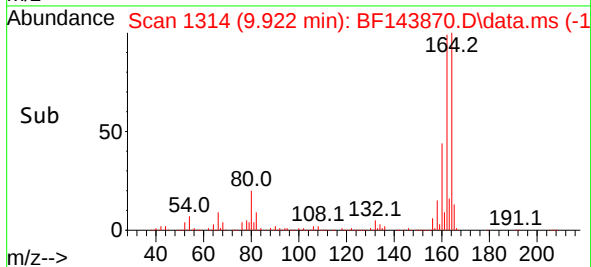
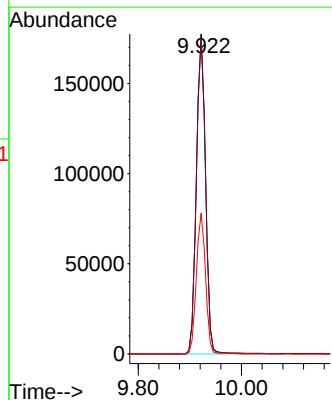
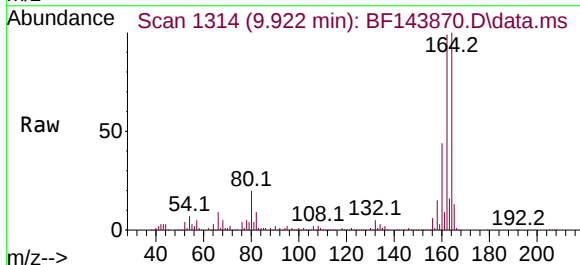
Tgt Ion: 164 Resp: 219824

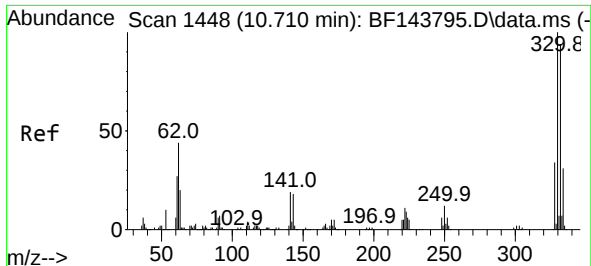
Ion Ratio Lower Upper

164 100

162 98.6 78.8 118.2

160 43.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 3.481 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143870.D

Acq: 02 Oct 2025 22:32

Instrument :

BNA_F

ClientSampleId :

MOO-25-0281-82

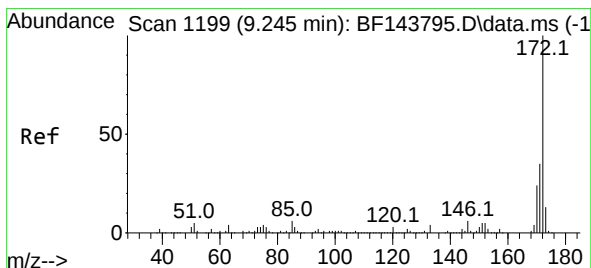
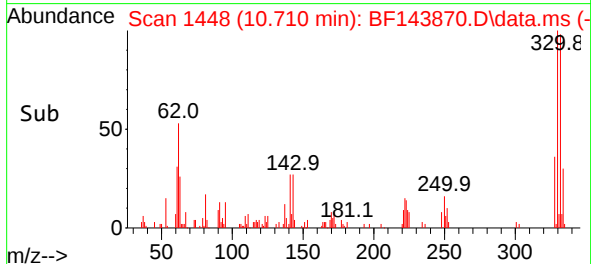
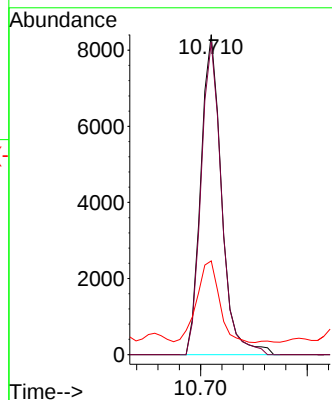
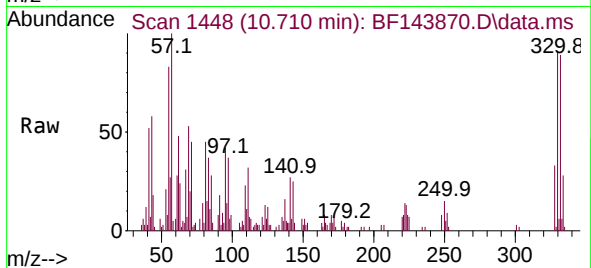
Tgt Ion:330 Resp: 11331

Ion Ratio Lower Upper

330 100

332 96.5 74.7 112.1

141 29.4 14.3 21.5#



#45

2-Fluorobiphenyl

Concen: 5.062 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF143870.D

Acq: 02 Oct 2025 22:32

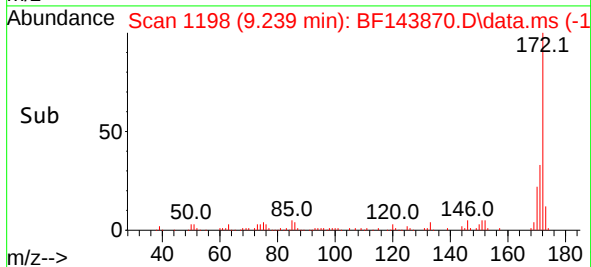
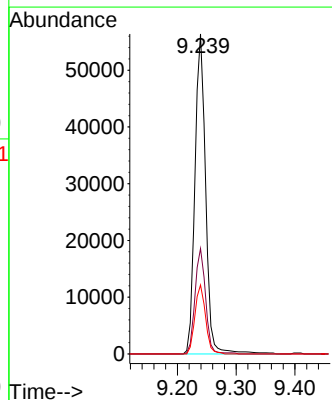
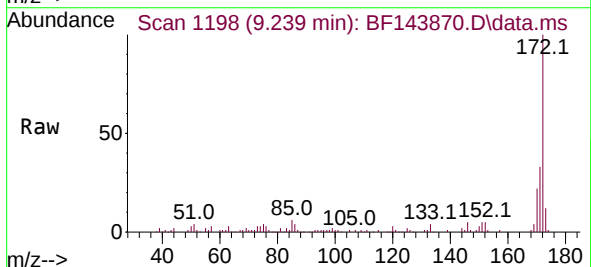
Tgt Ion:172 Resp: 71311

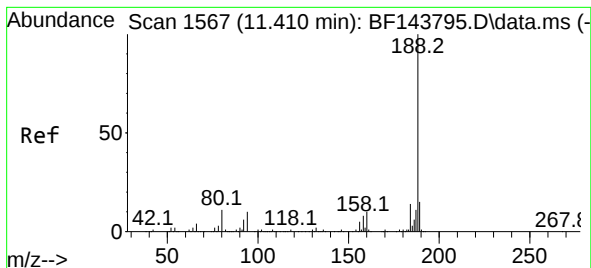
Ion Ratio Lower Upper

172 100

171 32.9 27.9 41.9

170 21.5 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143870.D

Acq: 02 Oct 2025 22:32

Instrument :

BNA_F

ClientSampleId :

MOO-25-0281-82

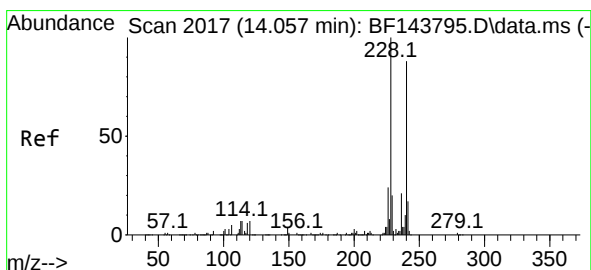
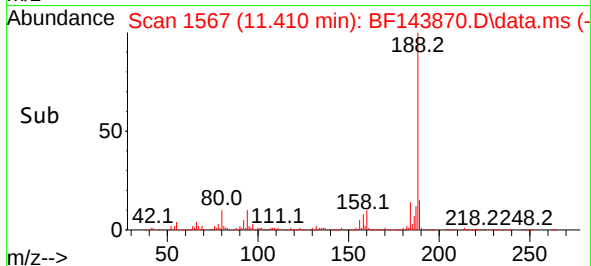
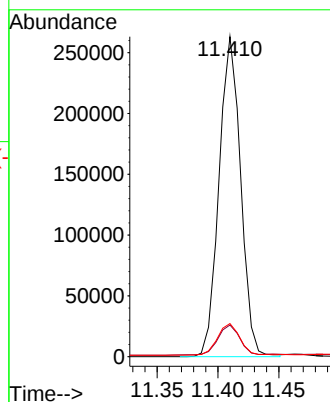
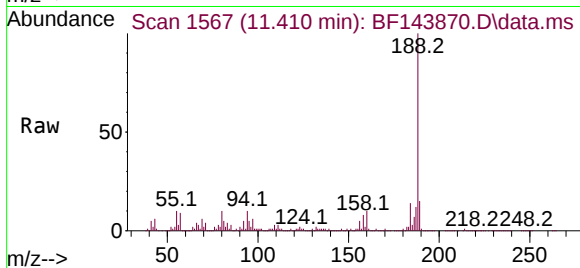
Tgt Ion:188 Resp: 325642

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

80 10.3 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2022

Delta R.T. 0.024 min

Lab File: BF143870.D

Acq: 02 Oct 2025 22:32

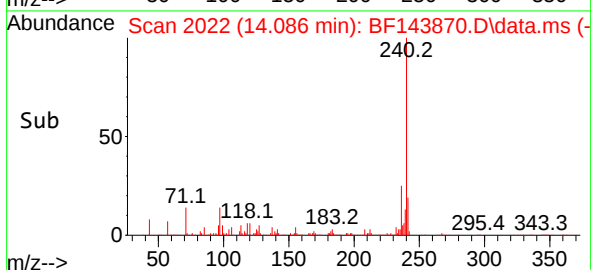
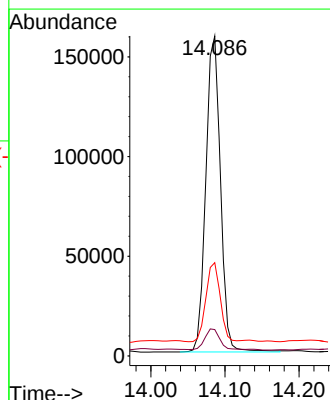
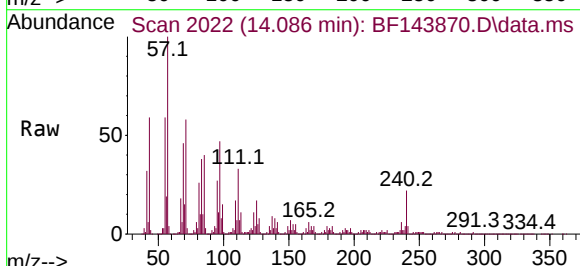
Tgt Ion:240 Resp: 217694

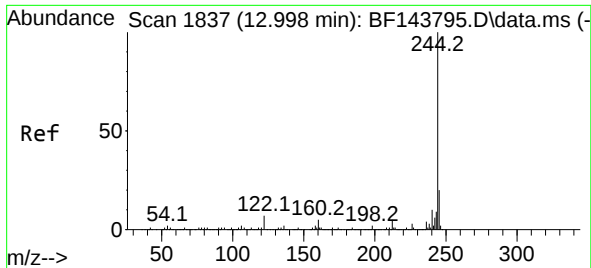
Ion Ratio Lower Upper

240 100

120 8.2 6.2 9.4

236 29.1 19.4 29.2

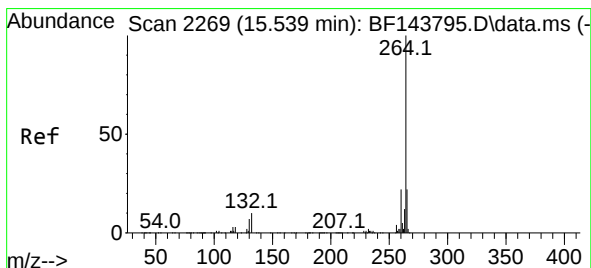
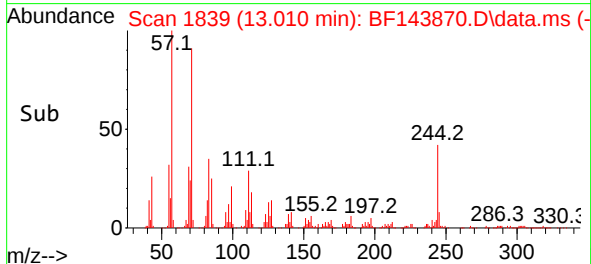
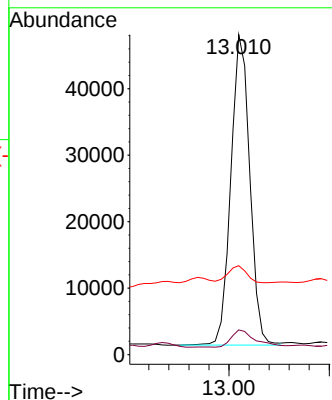
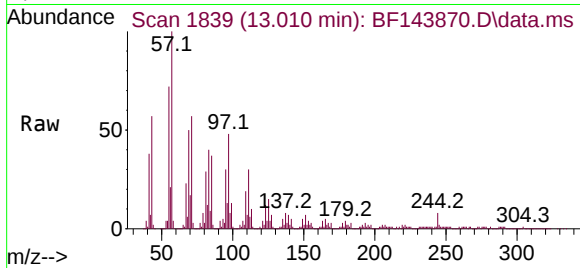




#79
 Terphenyl-d14
 Concen: 5.717 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. 0.006 min
 Lab File: BF143870.D
 Acq: 02 Oct 2025 22:32

Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0281-82

Tgt Ion:244 Resp: 61192
 Ion Ratio Lower Upper
 244 100
 212 7.7 3.9 5.9#
 122 27.8 5.6 8.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2275
 Delta R.T. 0.035 min
 Lab File: BF143870.D
 Acq: 02 Oct 2025 22:32

Tgt Ion:264 Resp: 404410
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.9 26.9
 265 21.9 17.7 26.5

