

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141865.D
 Acq On : 06 Mar 2025 13:31
 Operator : RC/JU
 Sample : Q1488-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-101-SB01

Quant Time: Mar 06 15:52:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	157980	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	615246	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	336755	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	605607	20.000	ng	0.00
76) Chrysene-d12	14.039	240	545094	20.000	ng	-0.01
86) Perylene-d12	15.509	264	450529	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1009938	102.093	ng	0.00
7) Phenol-d6	6.498	99	1263623	98.139	ng	-0.01
23) Nitrobenzene-d5	7.439	82	805343	83.670	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	396096	125.287	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1478775	70.411	ng	0.00
79) Terphenyl-d14	12.986	244	2007767	59.593	ng	-0.01

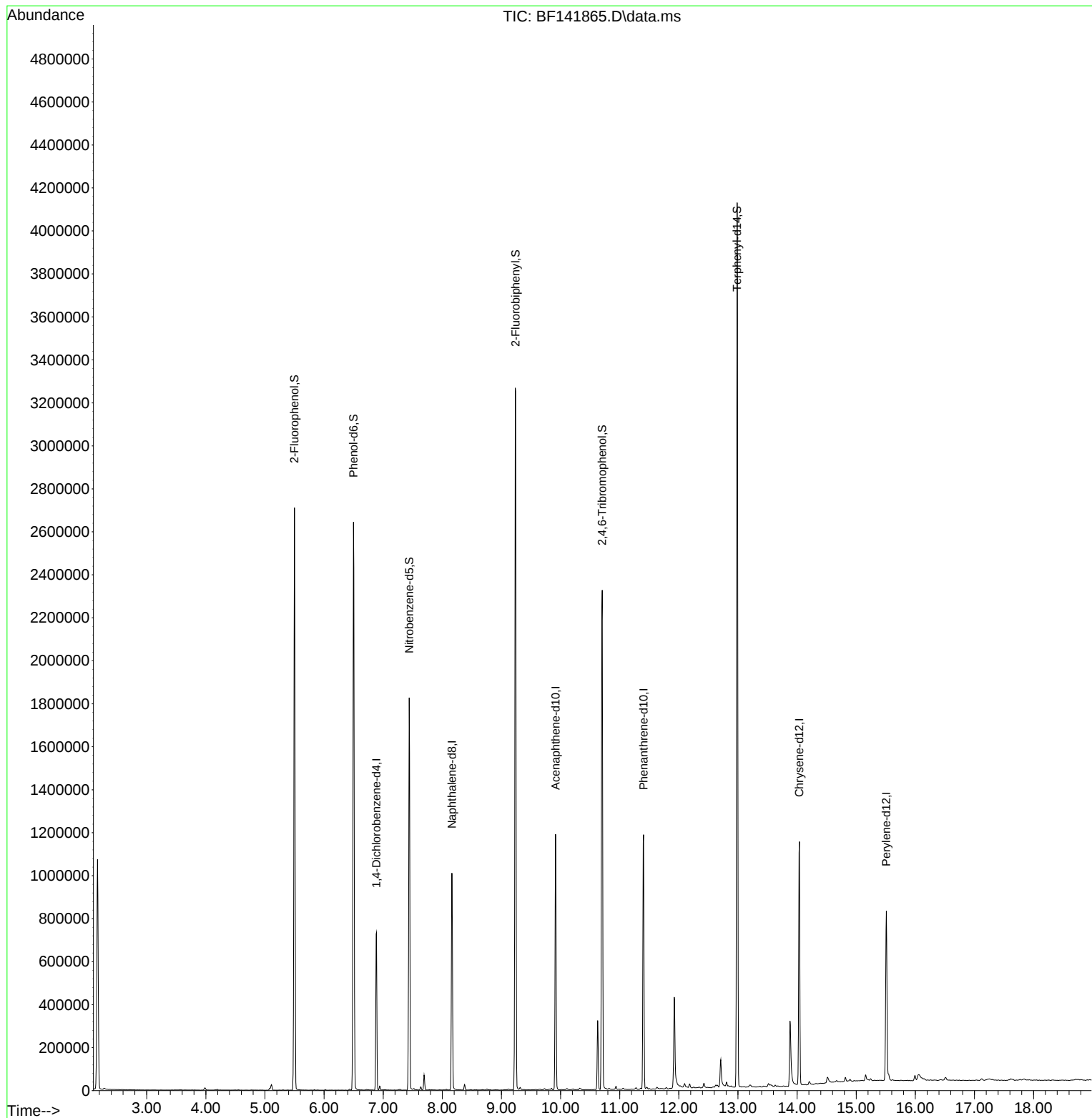
Target Compounds	Qvalue

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

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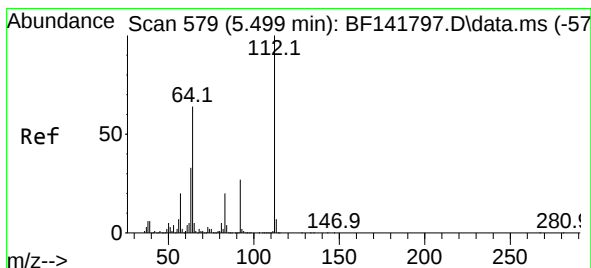
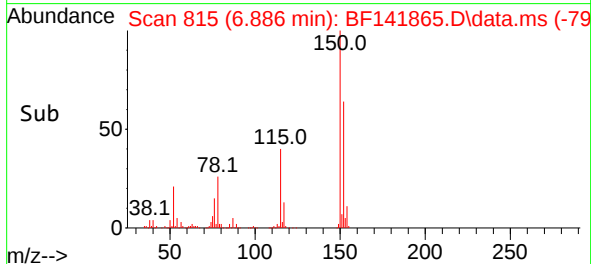
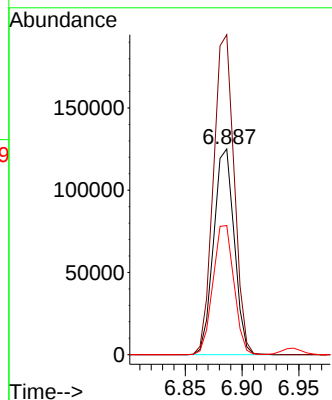
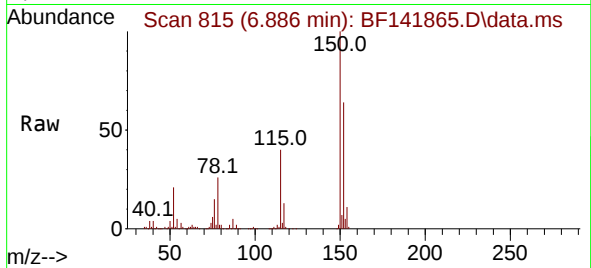




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF141865.D
 Acq: 06 Mar 2025 13:31

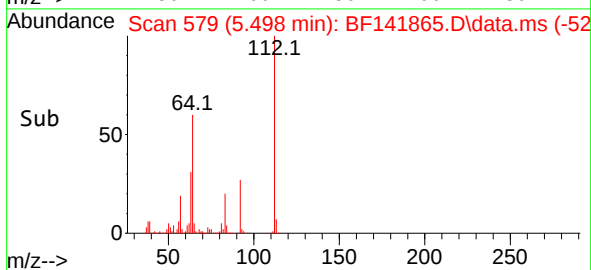
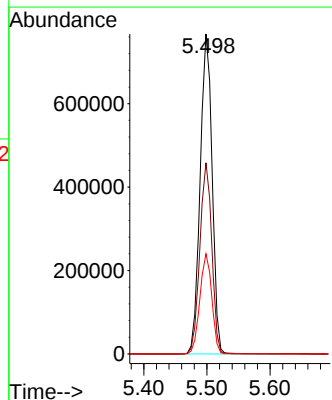
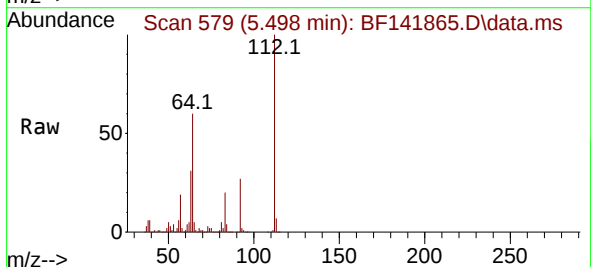
Instrument :
 BNA_F
 ClientSampleId :
 ENV-101-SB01

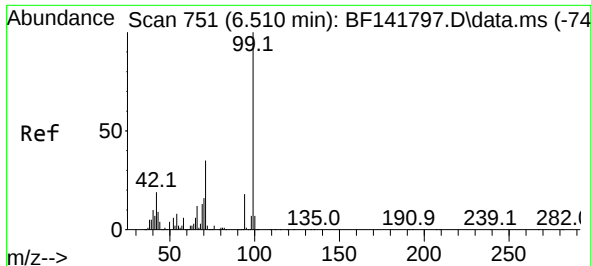
Tgt Ion:152 Resp: 157980
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.5 191.3
 115 62.8 51.4 77.2



#5
 2-Fluorophenol
 Concen: 102.093 ng
 RT: 5.498 min Scan# 579
 Delta R.T. -0.000 min
 Lab File: BF141865.D
 Acq: 06 Mar 2025 13:31

Tgt Ion:112 Resp: 1009938
 Ion Ratio Lower Upper
 112 100
 64 59.7 51.3 76.9
 63 31.3 26.2 39.4

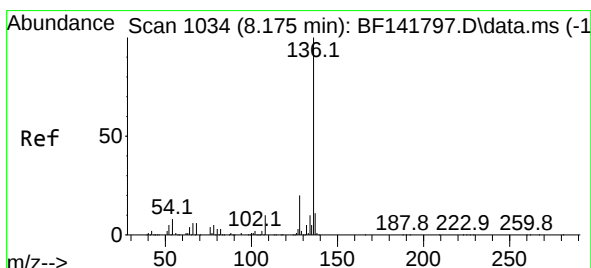
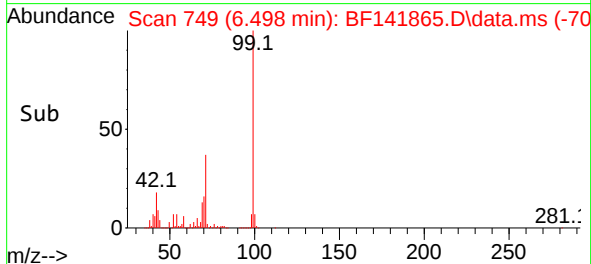
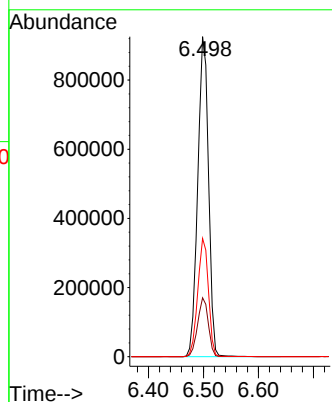
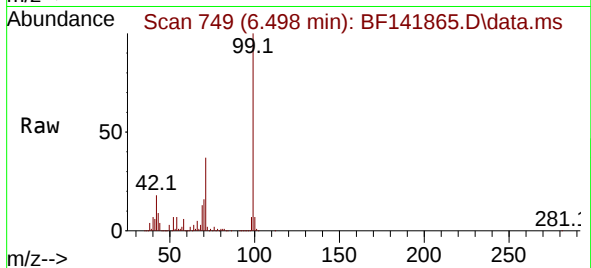




#7
Phenol-d6
Concen: 98.139 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF141865.D
Acq: 06 Mar 2025 13:31

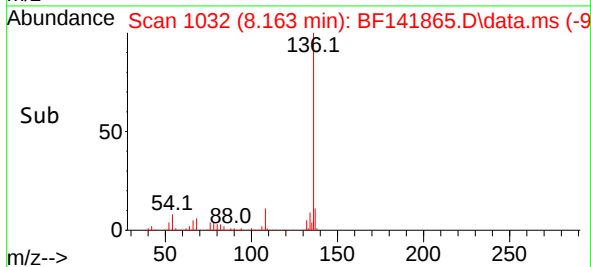
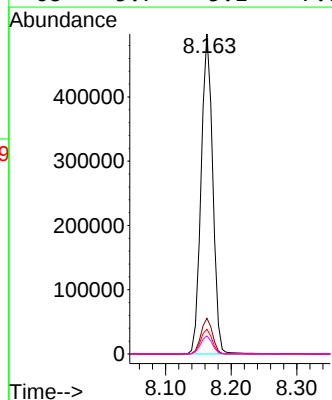
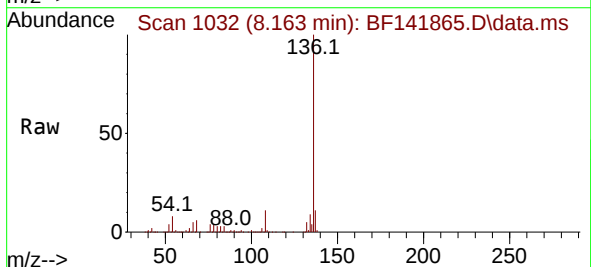
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01

Tgt Ion: 99 Resp: 1263623
Ion Ratio Lower Upper
99 100
42 18.4 15.2 22.8
71 37.0 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141865.D
Acq: 06 Mar 2025 13:31

Tgt Ion: 136 Resp: 615246
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.7 6.9 10.3
68 5.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 83.670 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF141865.D

Acq: 06 Mar 2025 13:31

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB01

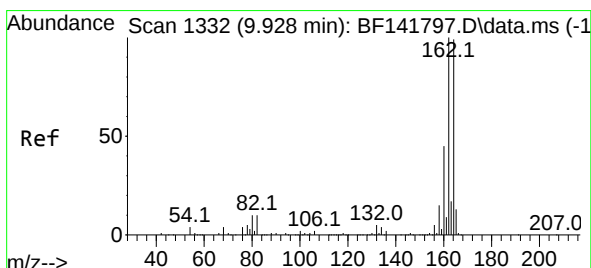
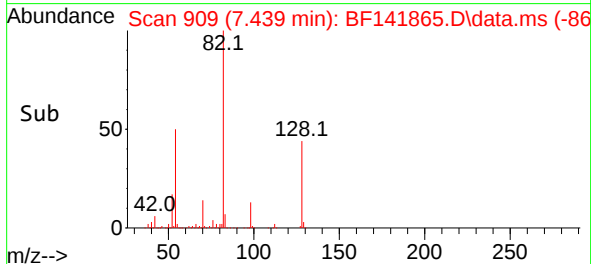
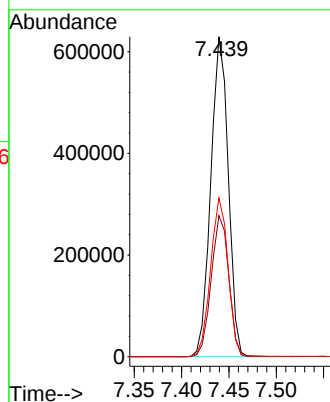
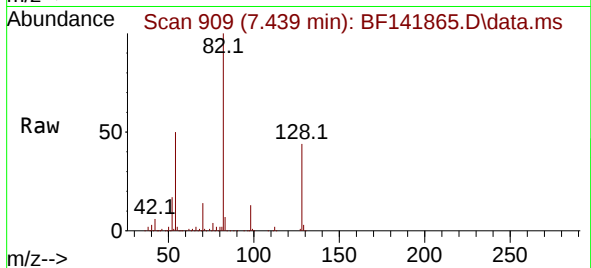
Tgt Ion: 82 Resp: 805343

Ion Ratio Lower Upper

82 100

128 44.1 33.5 50.3

54 49.6 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.012 min

Lab File: BF141865.D

Acq: 06 Mar 2025 13:31

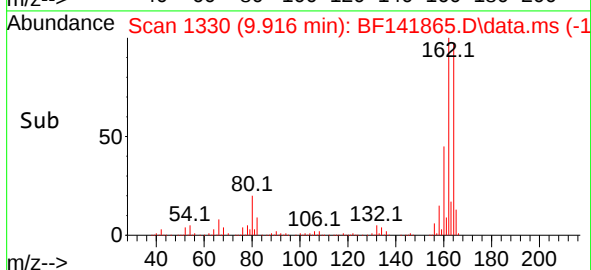
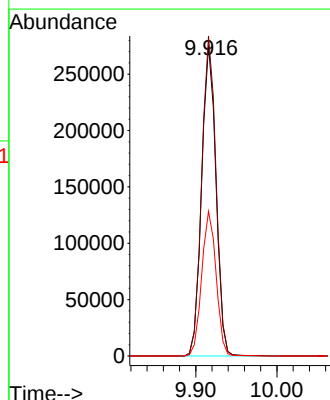
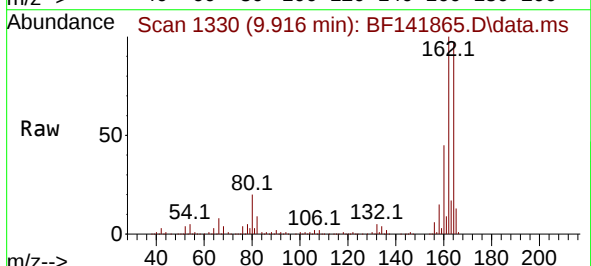
Tgt Ion: 164 Resp: 336755

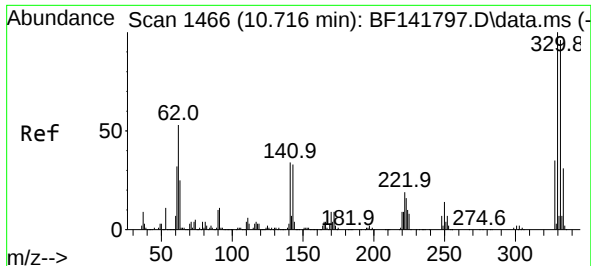
Ion Ratio Lower Upper

164 100

162 103.1 80.6 120.8

160 46.6 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 125.287 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF141865.D

Acq: 06 Mar 2025 13:31

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB01

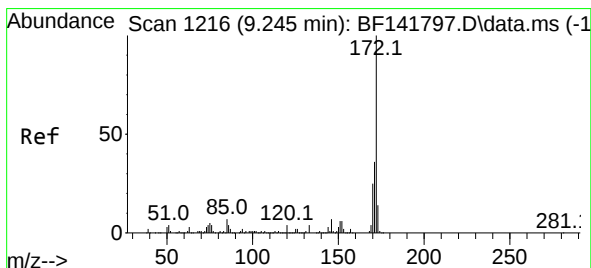
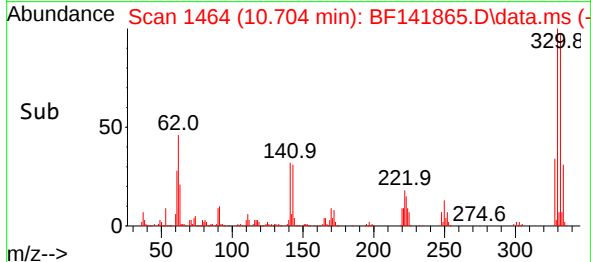
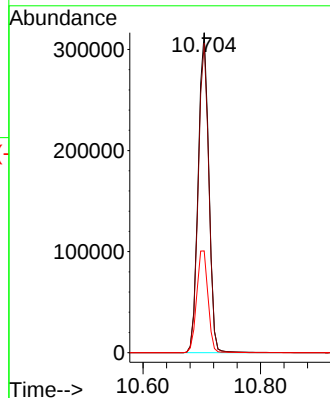
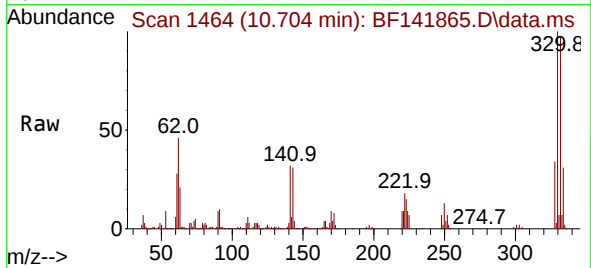
Tgt Ion:330 Resp: 396096

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

141 33.9 29.0 43.4



#45

2-Fluorobiphenyl

Concen: 70.411 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141865.D

Acq: 06 Mar 2025 13:31

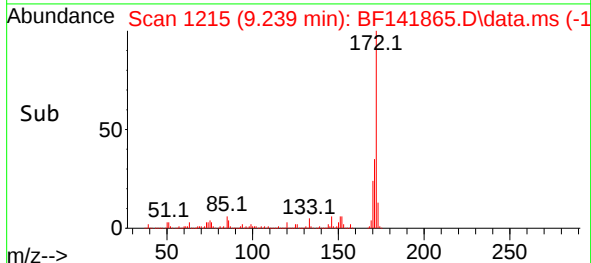
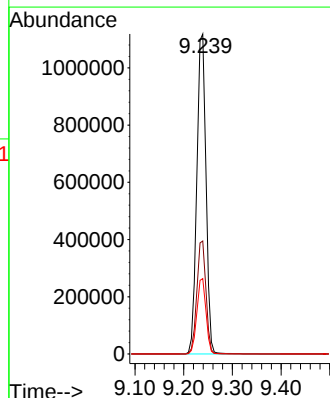
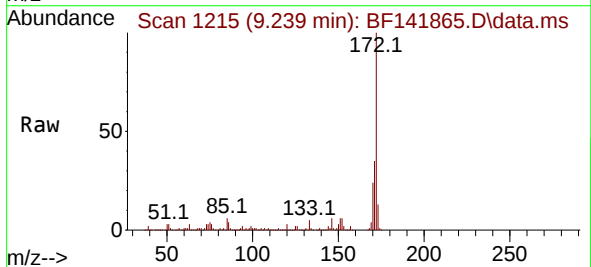
Tgt Ion:172 Resp: 1478775

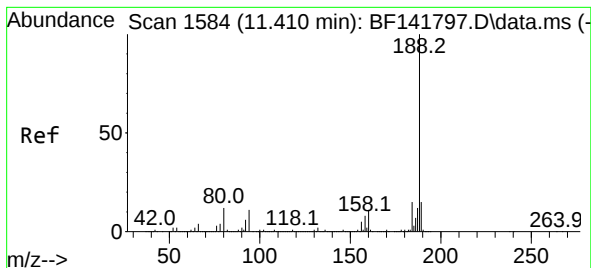
Ion Ratio Lower Upper

172 100

171 35.3 29.2 43.8

170 23.6 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141865.D

Acq: 06 Mar 2025 13:31

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB01

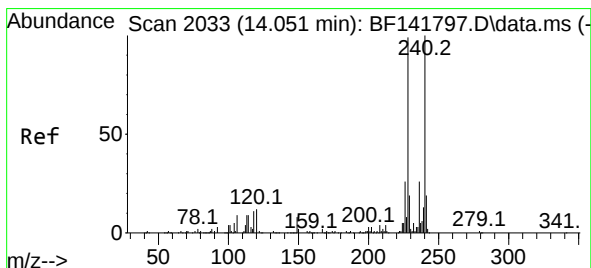
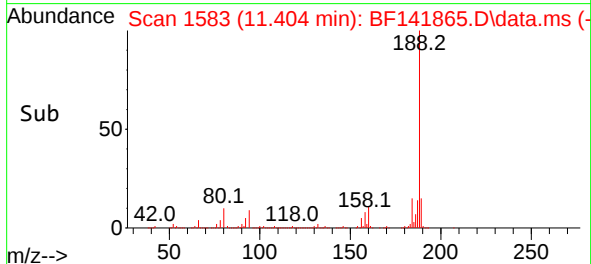
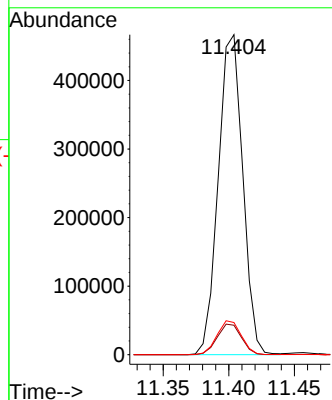
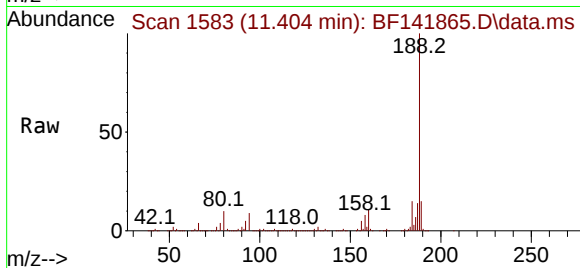
Tgt Ion:188 Resp: 605607

Ion Ratio Lower Upper

188 100

94 9.2 8.9 13.3

80 10.1 9.7 14.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF141865.D

Acq: 06 Mar 2025 13:31

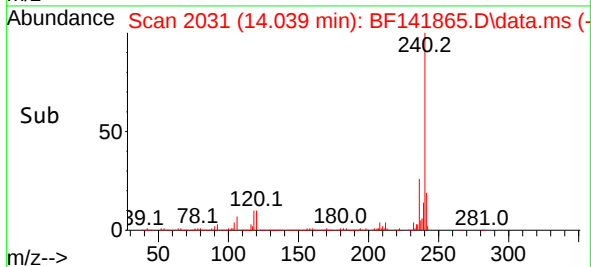
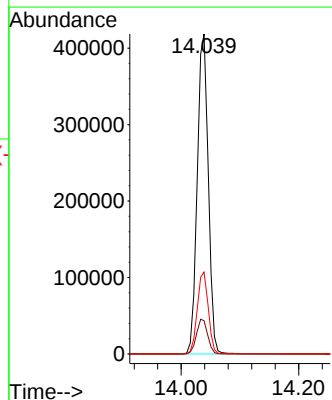
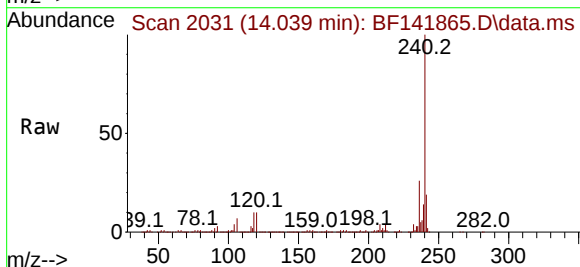
Tgt Ion:240 Resp: 545094

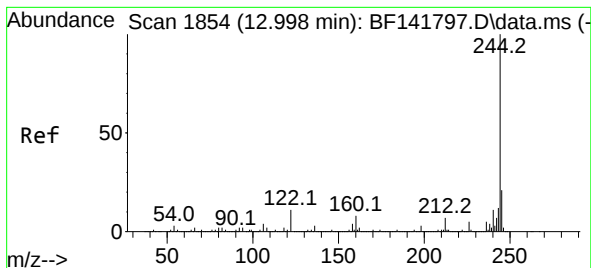
Ion Ratio Lower Upper

240 100

120 10.4 9.7 14.5

236 25.6 21.0 31.4





#79

Terphenyl-d14

Concen: 59.593 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.012 min

Lab File: BF141865.D

Acq: 06 Mar 2025 13:31

Instrument :

BNA_F

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ENV-101-SB01

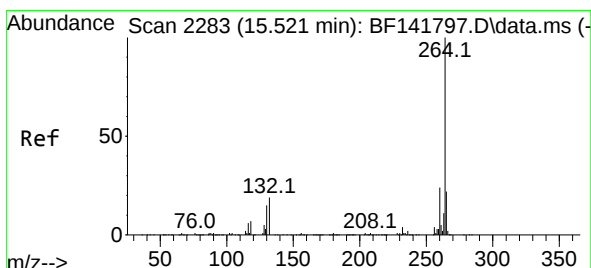
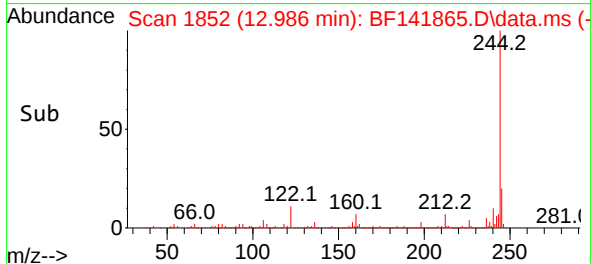
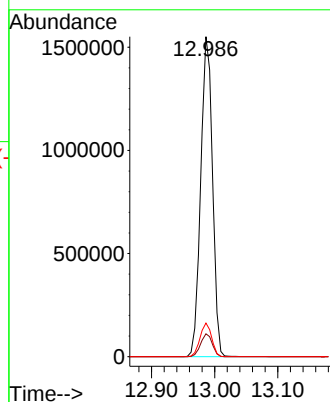
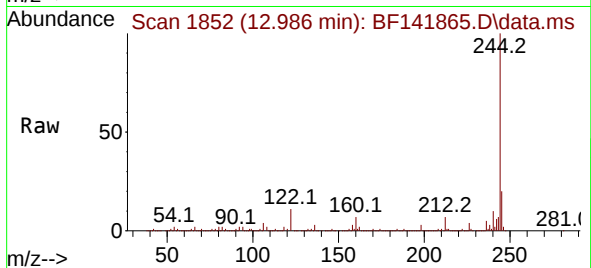
Tgt Ion:244 Resp: 2007767

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 10.5 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. -0.012 min

Lab File: BF141865.D

Acq: 06 Mar 2025 13:31

Tgt Ion:264 Resp: 450529

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.5 17.4 26.0

