

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030725\
 Data File : BF141892.D
 Acq On : 07 Mar 2025 18:01
 Operator : RC/JU
 Sample : Q1488-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-101-SB01

Quant Time: Mar 07 21:45:09 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)

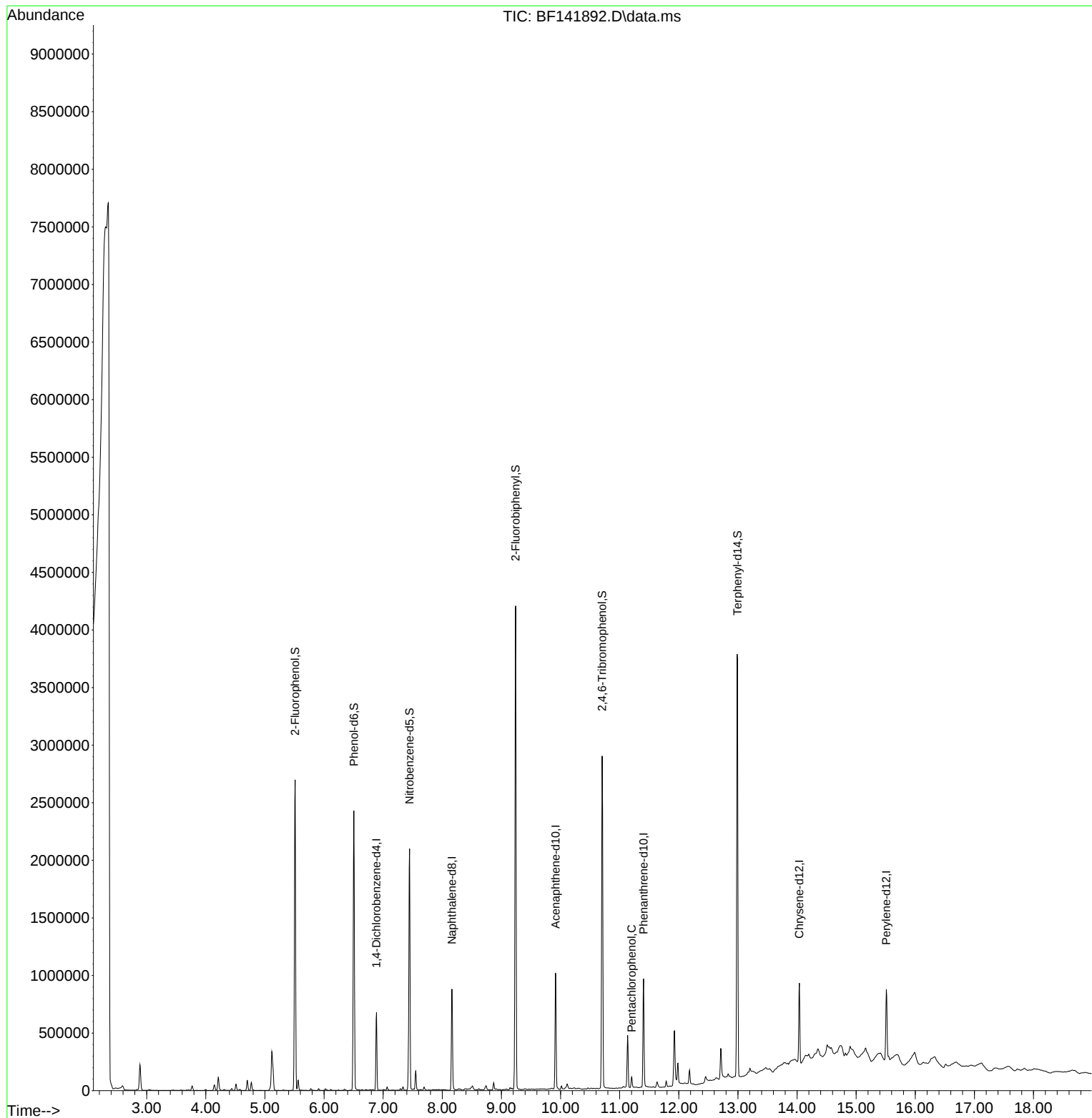
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	140140	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	544005	20.000	ng	#-0.01
39) Acenaphthene-d10	9.916	164	296494	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	468306	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	340144	20.000	ng	#-0.01
86) Perylene-d12	15.510	264	371112	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1051857	119.866	ng	0.01
7) Phenol-d6	6.504	99	1170047	102.440	ng	0.00
23) Nitrobenzene-d5	7.445	82	964644	113.345	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	517553	185.933	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1845811	99.822	ng	0.00
79) Terphenyl-d14	12.992	244	1875451	89.207	ng	0.00
Target Compounds						
70) Pentachlorophenol	11.204	266	15420	4.209	ng	Qvalue 97

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

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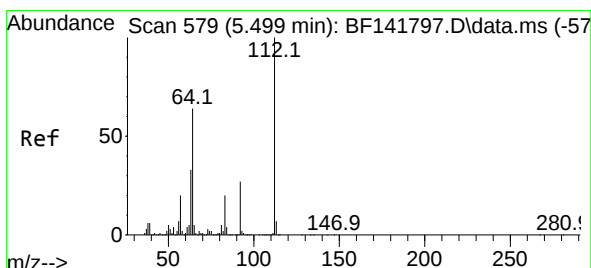
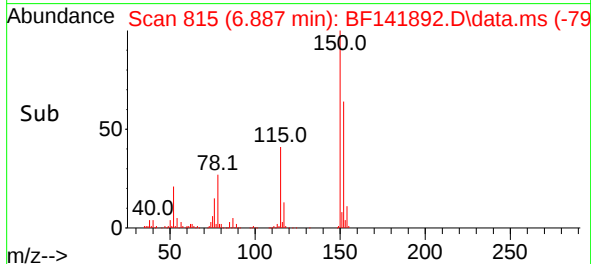
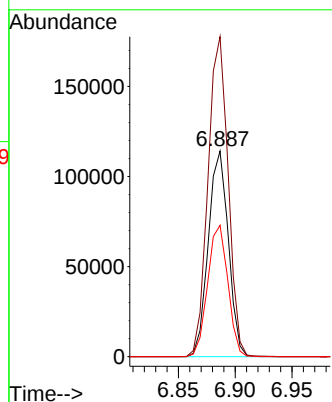
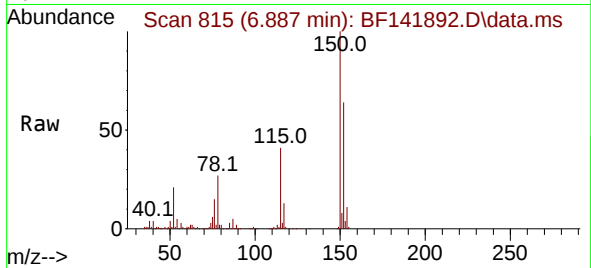




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF141892.D
Acq: 07 Mar 2025 18:01

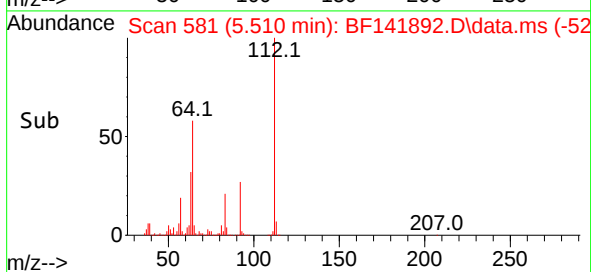
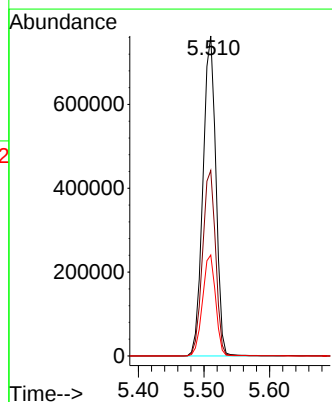
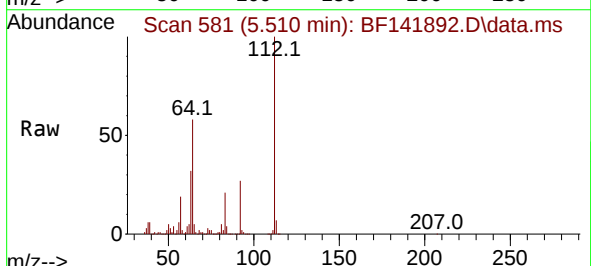
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01

Tgt Ion:152 Resp: 140140
Ion Ratio Lower Upper
152 100
150 155.6 127.5 191.3
115 63.9 51.4 77.2



#5
2-Fluorophenol
Concen: 119.866 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF141892.D
Acq: 07 Mar 2025 18:01

Tgt Ion:112 Resp: 1051857
Ion Ratio Lower Upper
112 100
64 58.0 51.3 76.9
63 31.5 26.2 39.4

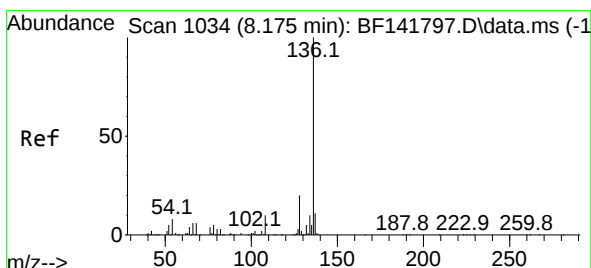
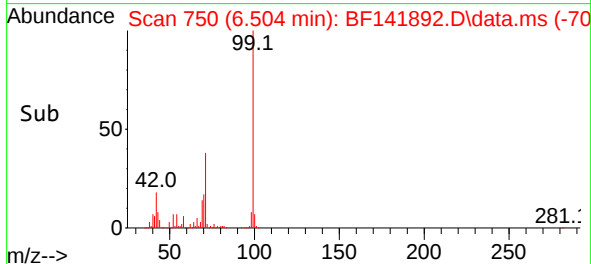
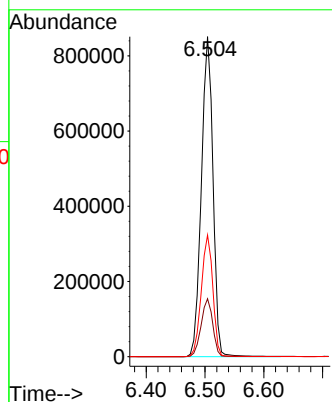
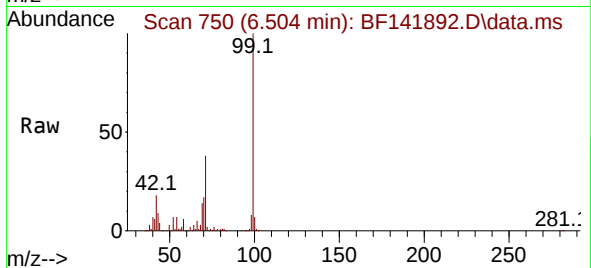




#7
Phenol-d6
Concen: 102.440 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141892.D
Acq: 07 Mar 2025 18:01

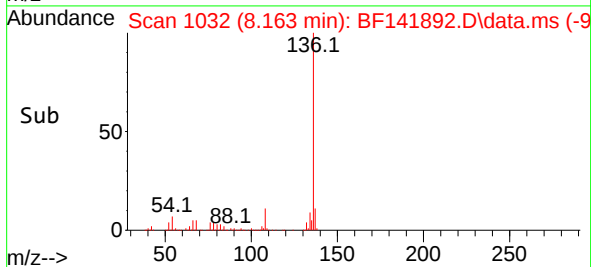
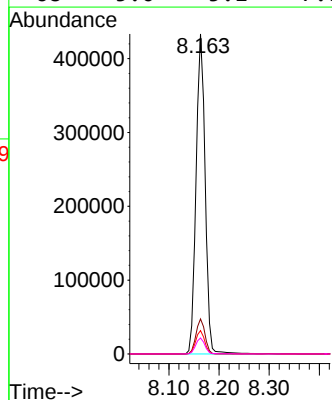
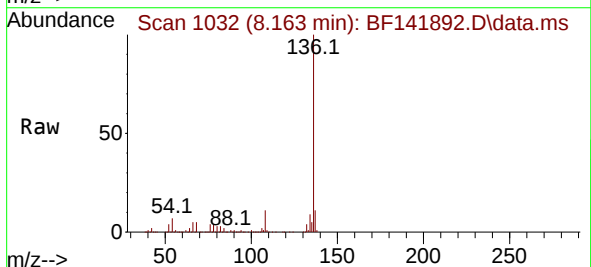
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01

Tgt Ion: 99 Resp: 1170047
Ion Ratio Lower Upper
99 100
42 18.1 15.2 22.8
71 38.0 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: BF141892.D
Acq: 07 Mar 2025 18:01

Tgt Ion:136 Resp: 544005
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 6.9 10.3
68 5.0 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 113.345 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141892.D

Acq: 07 Mar 2025 18:01

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB01

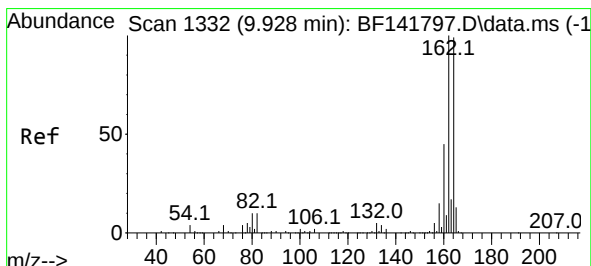
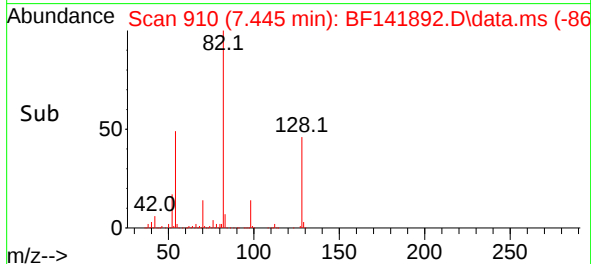
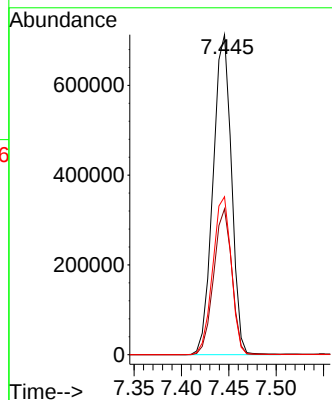
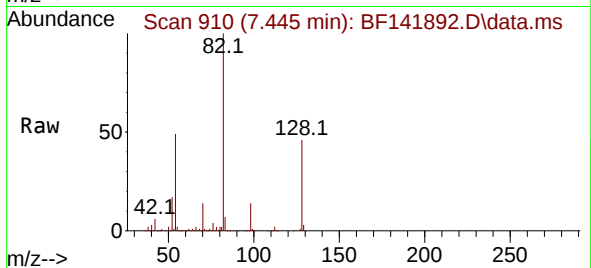
Tgt Ion: 82 Resp: 964644

Ion Ratio Lower Upper

82 100

128 45.5 33.5 50.3

54 49.3 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: BF141892.D

Acq: 07 Mar 2025 18:01

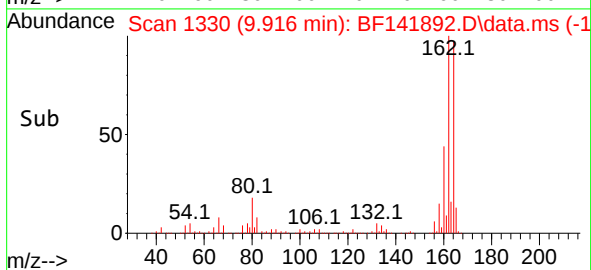
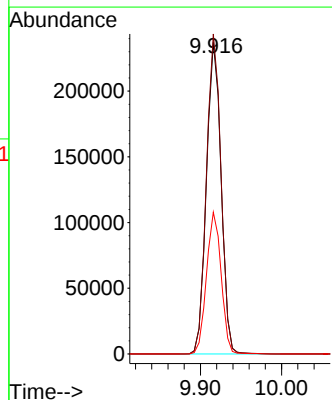
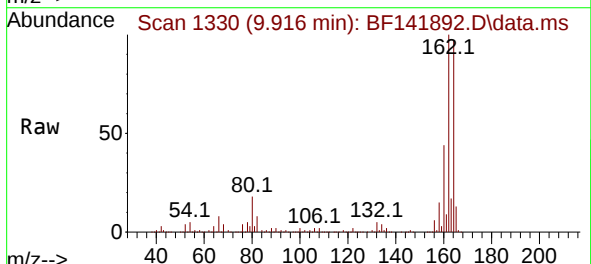
Tgt Ion: 164 Resp: 296494

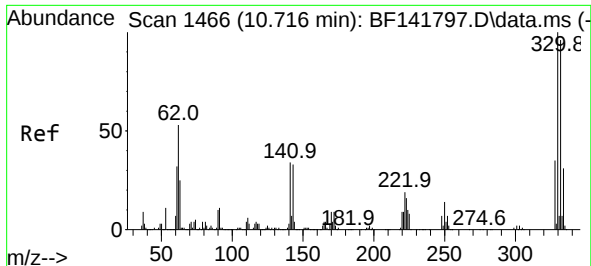
Ion Ratio Lower Upper

164 100

162 102.7 80.6 120.8

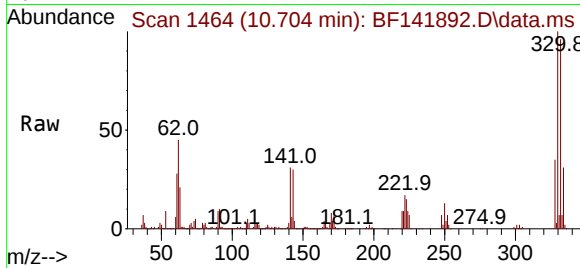
160 45.5 36.3 54.5



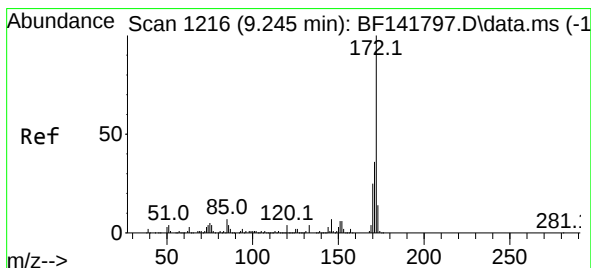
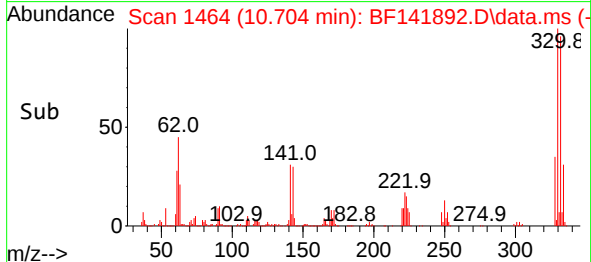
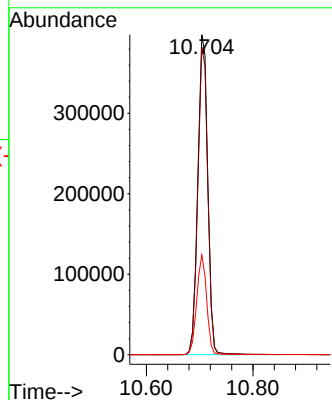


#42
2,4,6-Tribromophenol
Concen: 185.933 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF141892.D
Acq: 07 Mar 2025 18:01

Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01

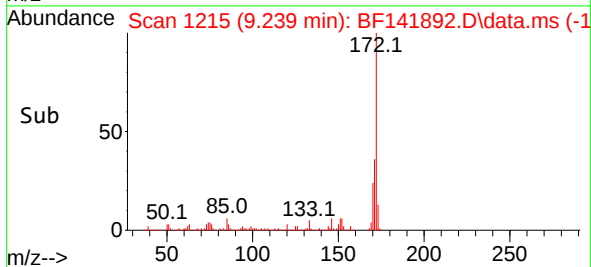
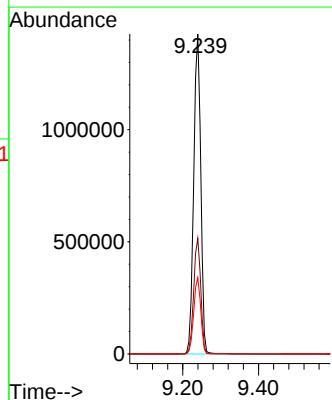
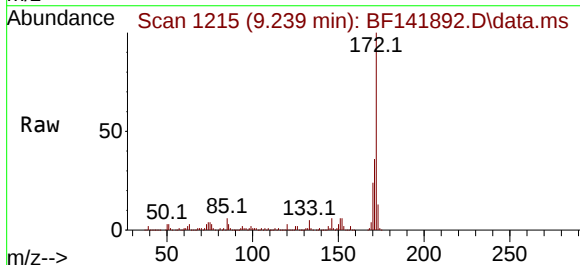


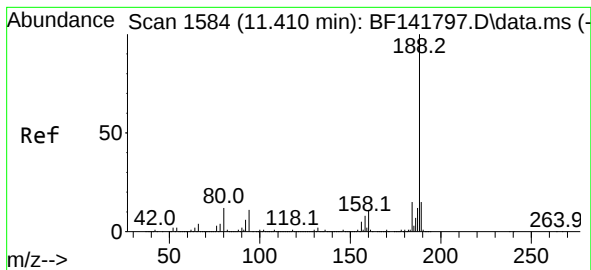
Tgt Ion:330 Resp: 517553
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 30.8 29.0 43.4



#45
2-Fluorobiphenyl
Concen: 99.822 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF141892.D
Acq: 07 Mar 2025 18:01

Tgt Ion:172 Resp: 1845811
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 23.8 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: BF141892.D

Acq: 07 Mar 2025 18:01

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB01

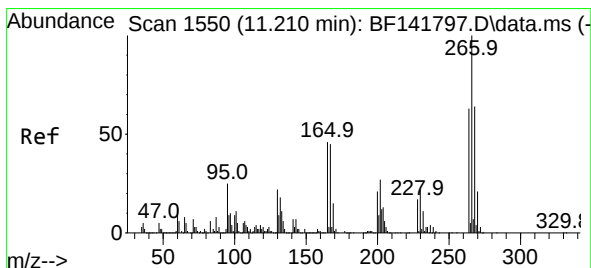
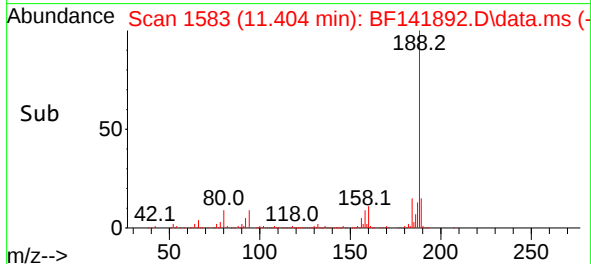
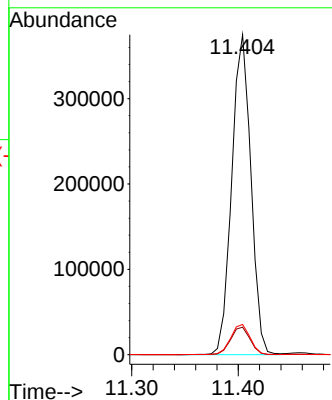
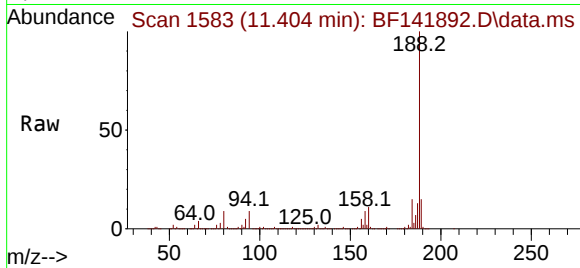
Tgt Ion:188 Resp: 468306

Ion Ratio Lower Upper

188 100

94 8.6 8.9 13.3#

80 9.4 9.7 14.5#



#70

Pentachlorophenol

Concen: 4.209 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF141892.D

Acq: 07 Mar 2025 18:01

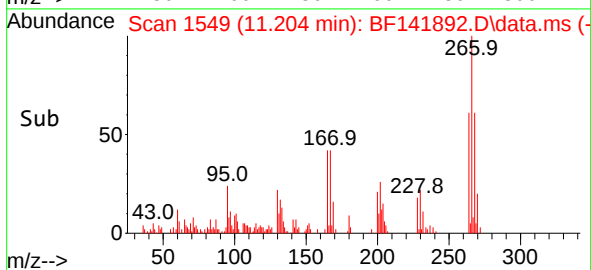
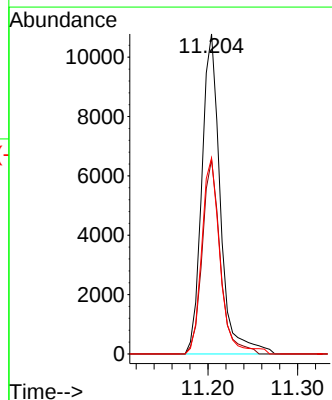
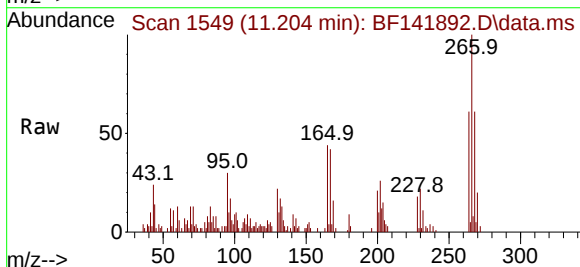
Tgt Ion:266 Resp: 15420

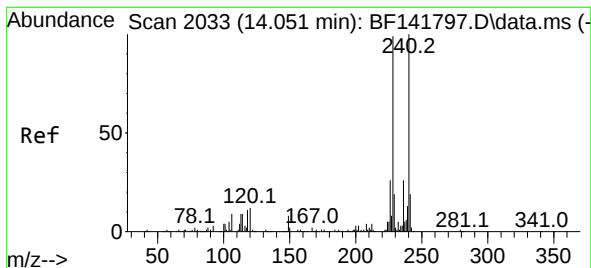
Ion Ratio Lower Upper

266 100

268 60.8 50.9 76.3

264 61.3 50.2 75.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF141892.D

Acq: 07 Mar 2025 18:01

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB01

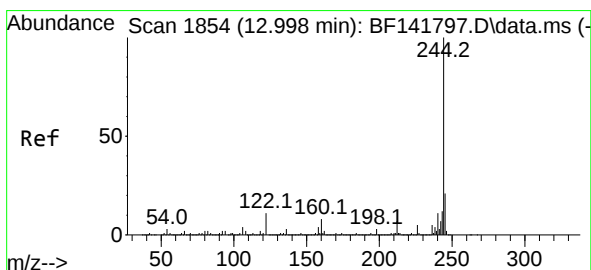
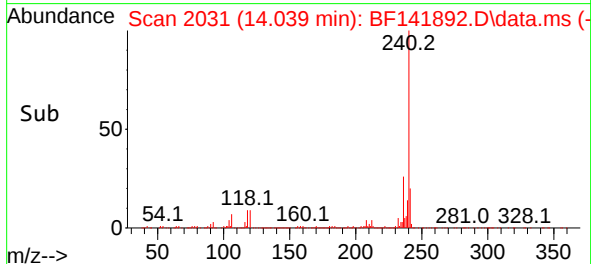
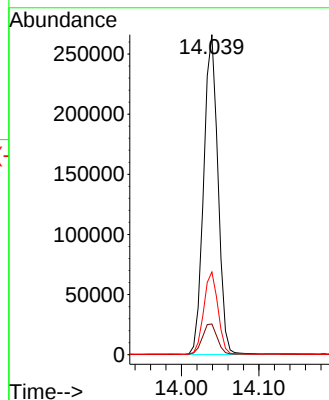
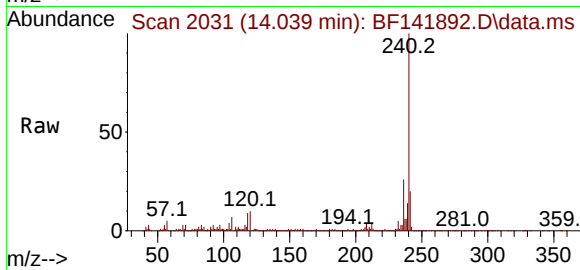
Tgt Ion:240 Resp: 340144

Ion Ratio Lower Upper

240 100

120 9.6 9.7 14.5#

236 25.9 21.0 31.4



#79

Terphenyl-d14

Concen: 89.207 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF141892.D

Acq: 07 Mar 2025 18:01

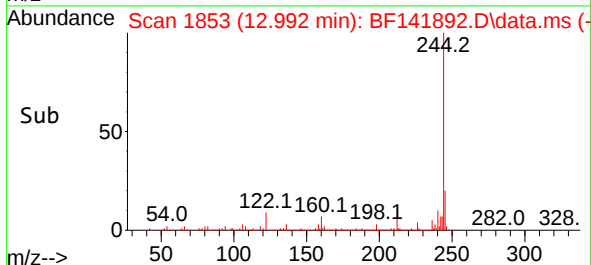
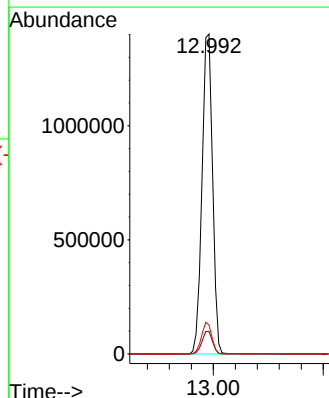
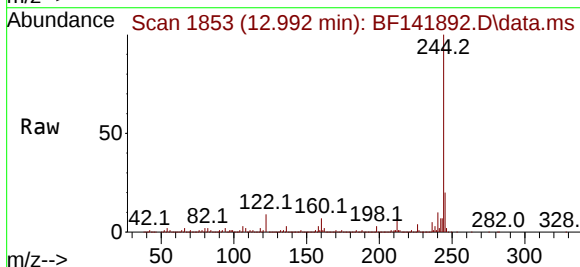
Tgt Ion:244 Resp: 1875451

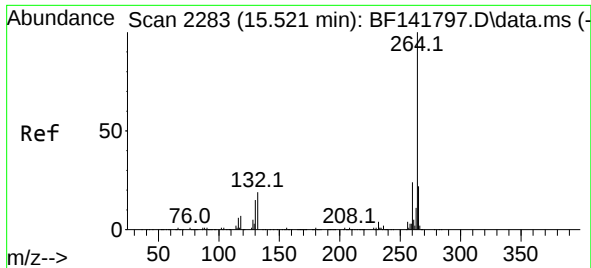
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

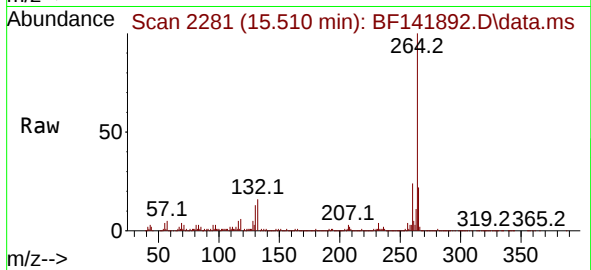
122 9.1 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141892.D
Acq: 07 Mar 2025 18:01

Instrument :
BNA_F
ClientSampleId :
ENV-101-SB01



Tgt Ion:264 Resp: 371112
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 21.7 17.4 26.0

