

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
 Data File : BF141842.D
 Acq On : 05 Mar 2025 14:23
 Operator : RC/JU
 Sample : Q1488-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-102-SB01

Quant Time: Mar 05 15:08:04 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)

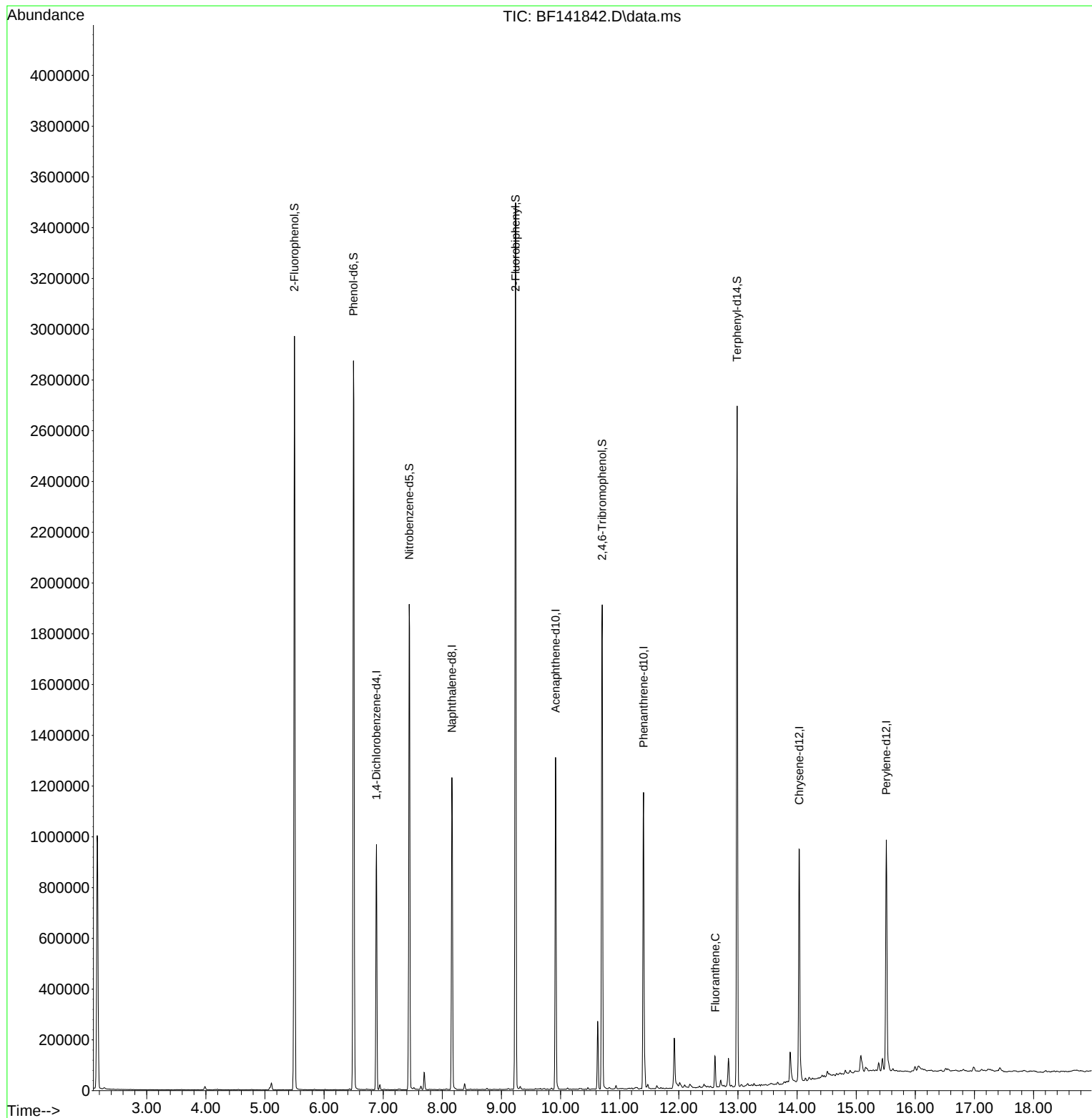
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	199424	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	747735	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	373687	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	582421	20.000	ng	0.00
76) Chrysene-d12	14.039	240	429057	20.000	ng	-0.01
86) Perylene-d12	15.509	264	509930	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1097622	87.898	ng	0.00
7) Phenol-d6	6.498	99	1369174	84.238	ng	-0.01
23) Nitrobenzene-d5	7.439	82	850594	72.713	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	302224	86.147	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1497239	64.245	ng	0.00
79) Terphenyl-d14	12.986	244	1272874	47.998	ng	-0.01
Target Compounds						
75) Fluoranthene	12.615	202	72012	2.256	ng	Qvalue 96

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

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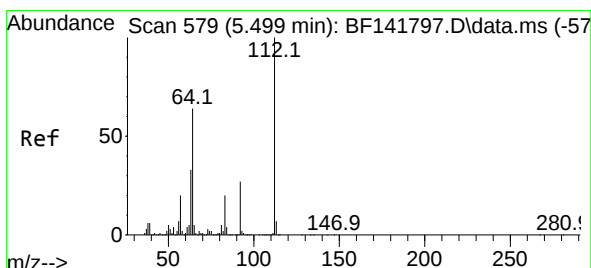
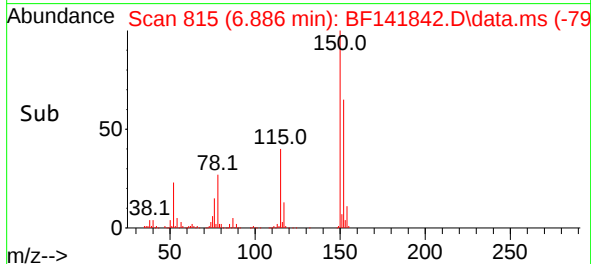
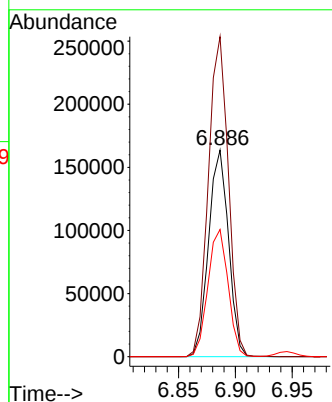
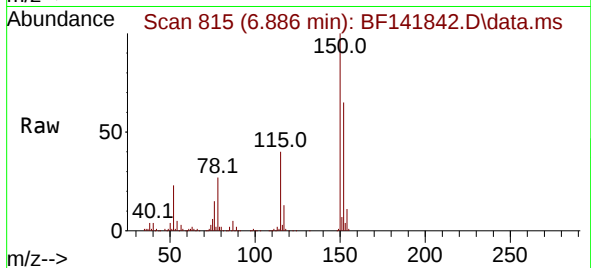




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.007 min
Lab File: BF141842.D
Acq: 05 Mar 2025 14:23

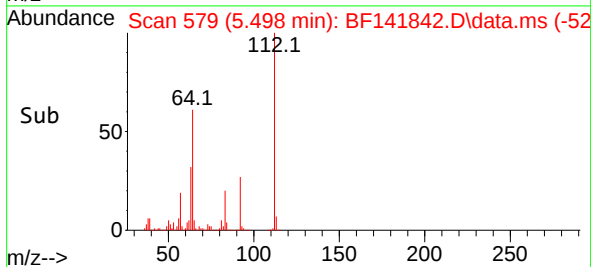
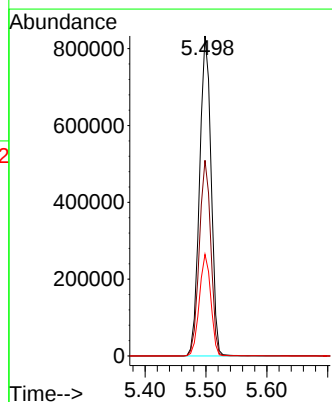
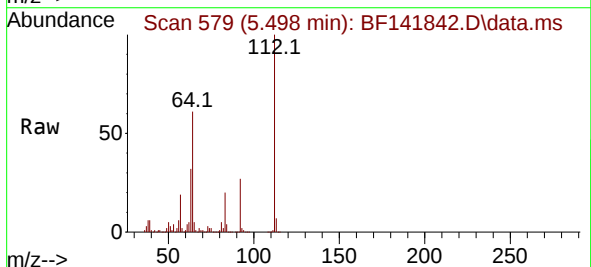
Instrument :
BNA_F
ClientSampleId :
ENV-102-SB01

Tgt Ion:152 Resp: 199424
Ion Ratio Lower Upper
152 100
150 155.0 127.5 191.3
115 61.6 51.4 77.2



#5
2-Fluorophenol
Concen: 87.898 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF141842.D
Acq: 05 Mar 2025 14:23

Tgt Ion:112 Resp: 1097622
Ion Ratio Lower Upper
112 100
64 61.2 51.3 76.9
63 31.7 26.2 39.4

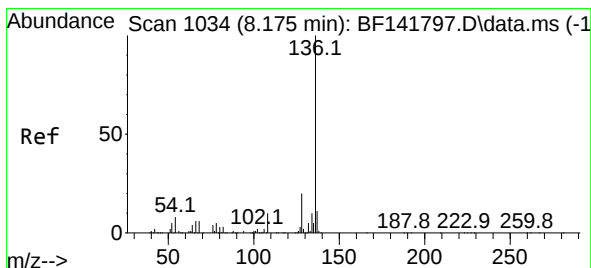
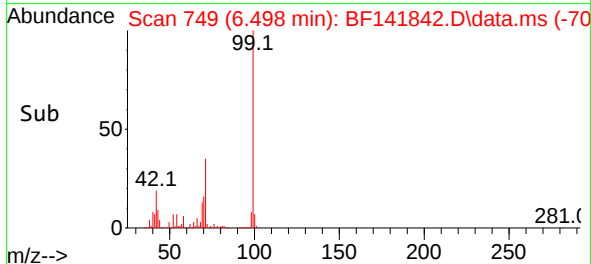
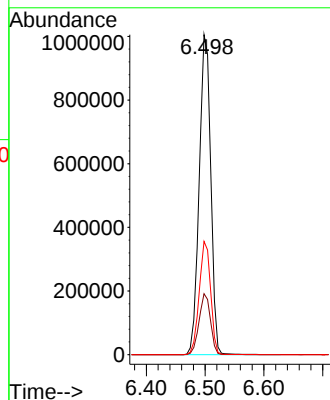
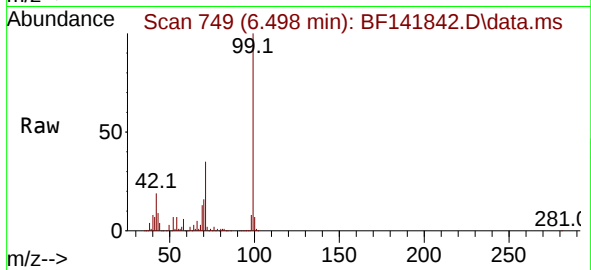




#7
Phenol-d6
Concen: 84.238 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF141842.D
Acq: 05 Mar 2025 14:23

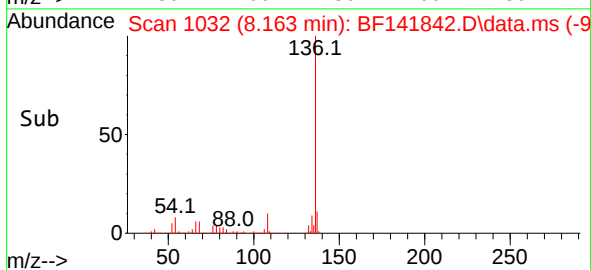
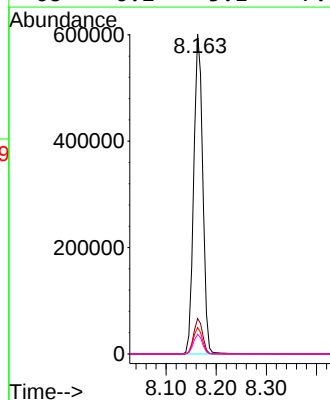
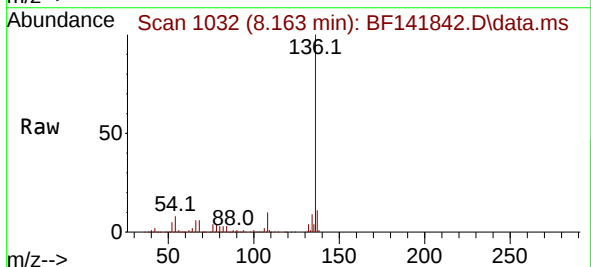
Instrument :
BNA_F
ClientSampleId :
ENV-102-SB01

Tgt Ion: 99 Resp: 1369174
Ion Ratio Lower Upper
99 100
42 19.0 15.2 22.8
71 35.4 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: BF141842.D
Acq: 05 Mar 2025 14:23

Tgt Ion: 136 Resp: 747735
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.3 6.9 10.3
68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 72.713 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF141842.D

Acq: 05 Mar 2025 14:23

Instrument :

BNA_F

ClientSampleId :

ENV-102-SB01

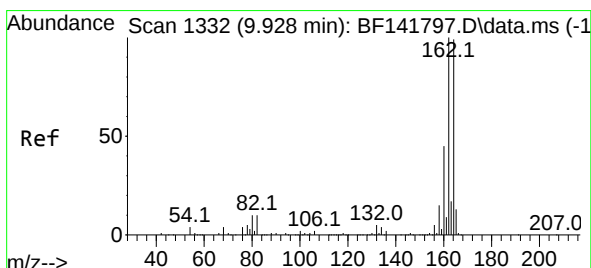
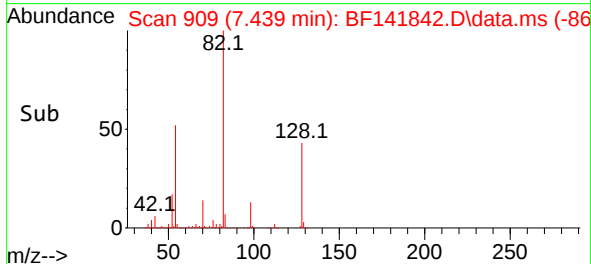
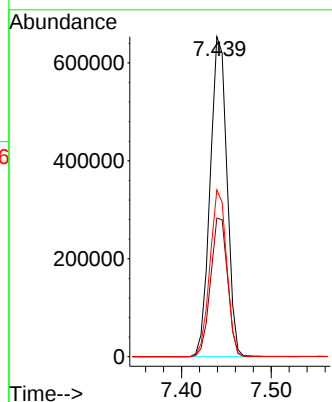
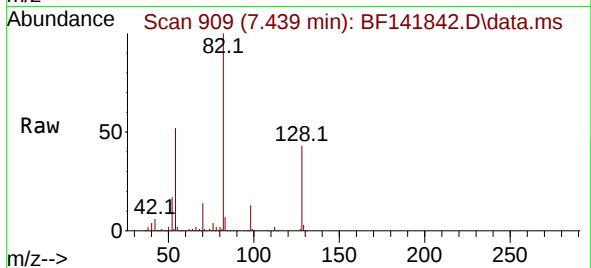
Tgt Ion: 82 Resp: 850594

Ion Ratio Lower Upper

82 100

128 43.3 33.5 50.3

54 52.1 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: BF141842.D

Acq: 05 Mar 2025 14:23

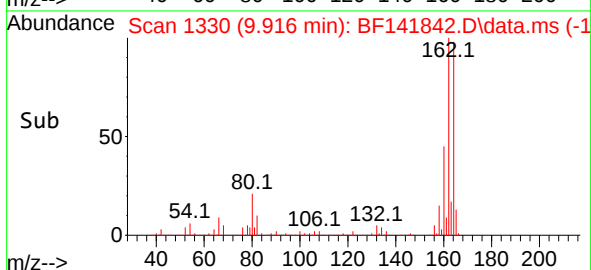
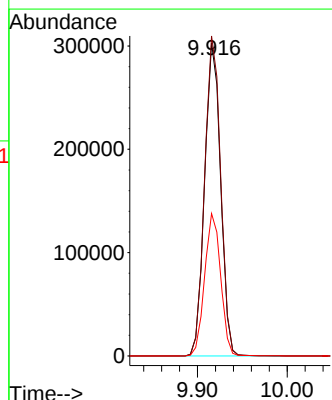
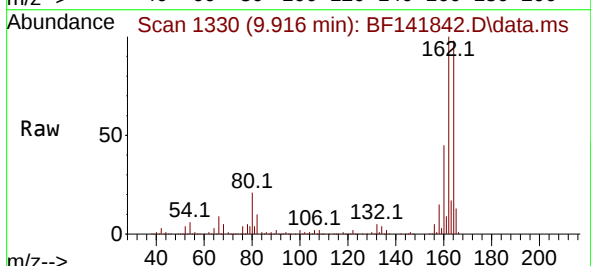
Tgt Ion: 164 Resp: 373687

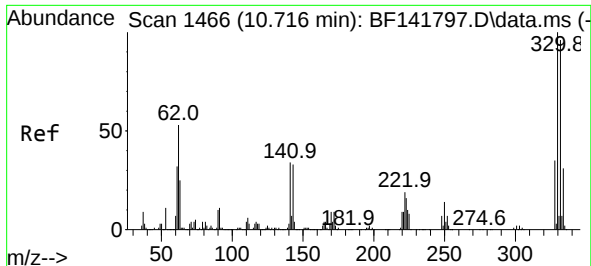
Ion Ratio Lower Upper

164 100

162 102.3 80.6 120.8

160 45.5 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 86.147 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF141842.D

Acq: 05 Mar 2025 14:23

Instrument :

BNA_F

ClientSampleId :

ENV-102-SB01

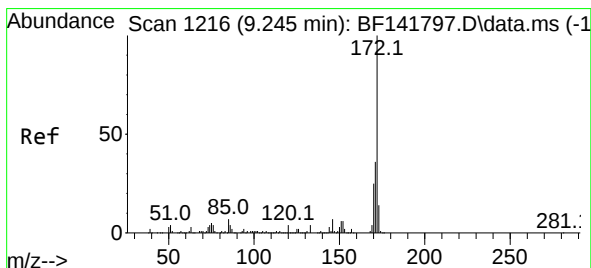
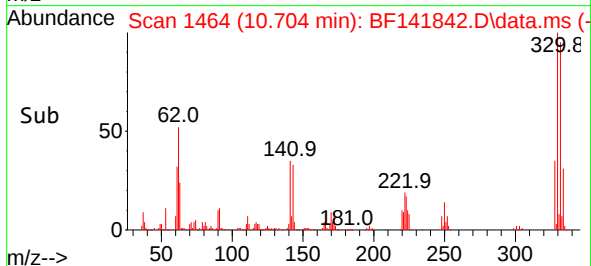
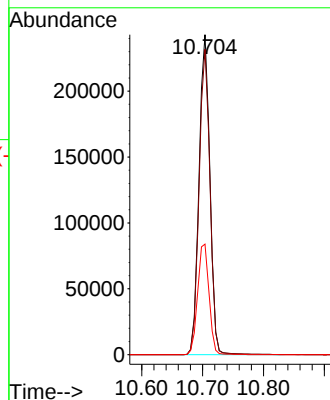
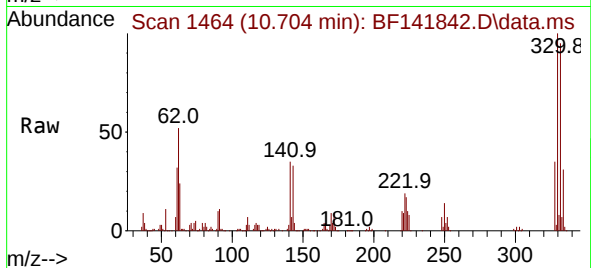
Tgt Ion:330 Resp: 302224

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

141 36.2 29.0 43.4



#45

2-Fluorobiphenyl

Concen: 64.245 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141842.D

Acq: 05 Mar 2025 14:23

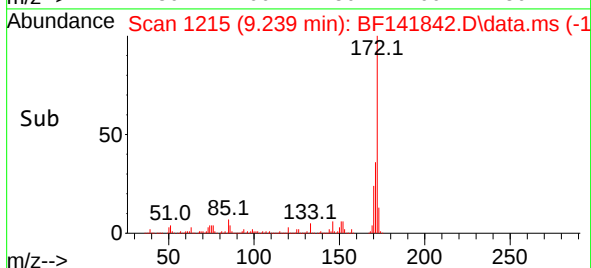
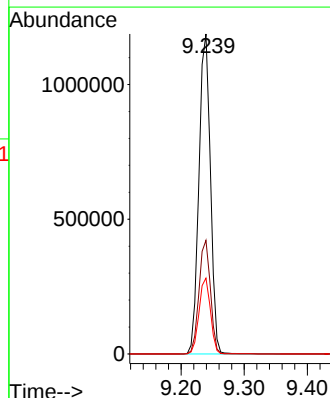
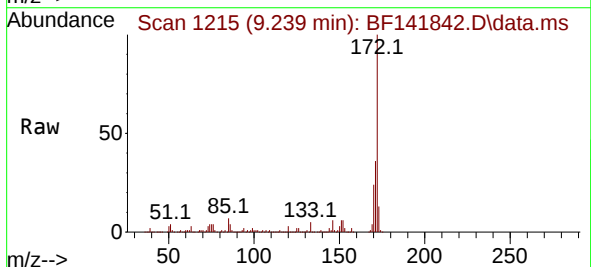
Tgt Ion:172 Resp: 1497239

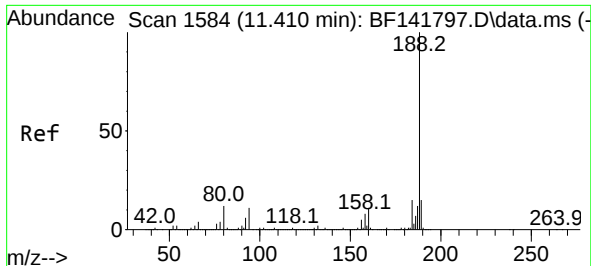
Ion Ratio Lower Upper

172 100

171 35.5 29.2 43.8

170 23.7 19.7 29.5

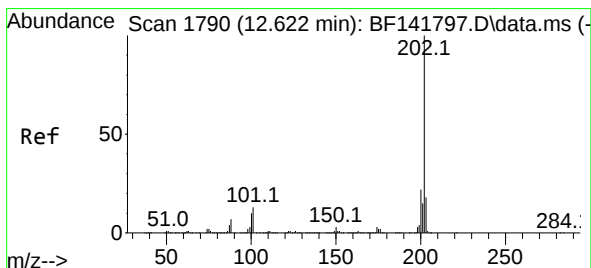
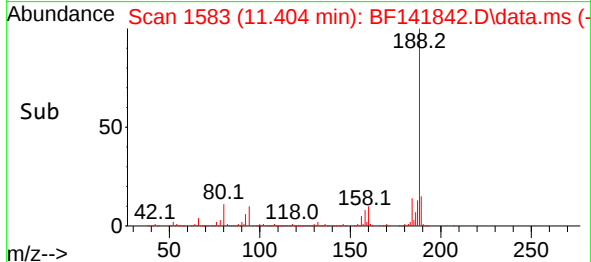
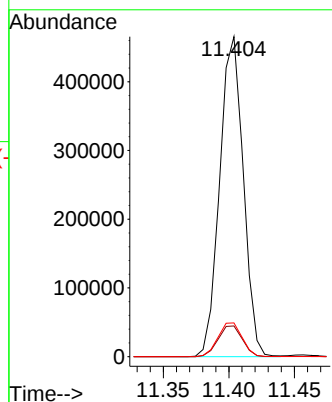
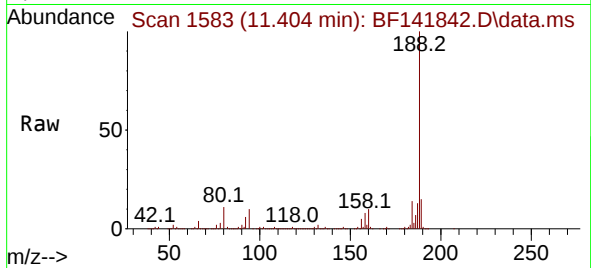




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141842.D
Acq: 05 Mar 2025 14:23

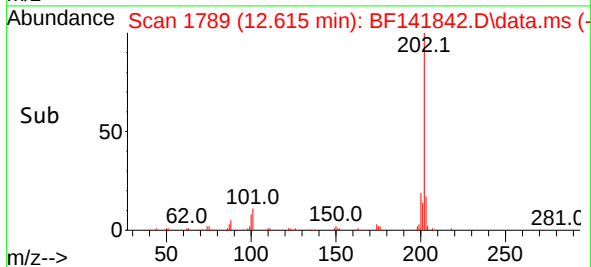
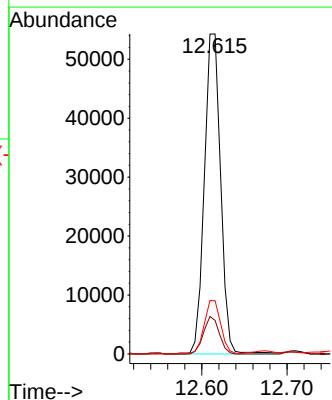
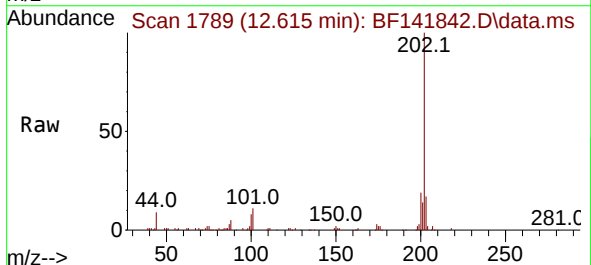
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ENV-102-SB01

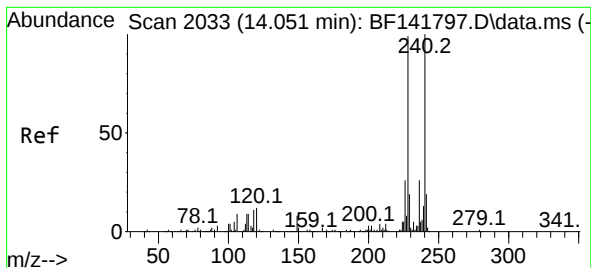
Tgt Ion:188 Resp: 582421
Ion Ratio Lower Upper
188 100
94 9.6 8.9 13.3
80 10.5 9.7 14.5



#75
Fluoranthene
Concen: 2.256 ng
RT: 12.615 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF141842.D
Acq: 05 Mar 2025 14:23

Tgt Ion:202 Resp: 72012
Ion Ratio Lower Upper
202 100
101 10.5 0.0 32.8
203 16.7 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF141842.D

Acq: 05 Mar 2025 14:23

Instrument :

BNA_F

ClientSampleId :

ENV-102-SB01

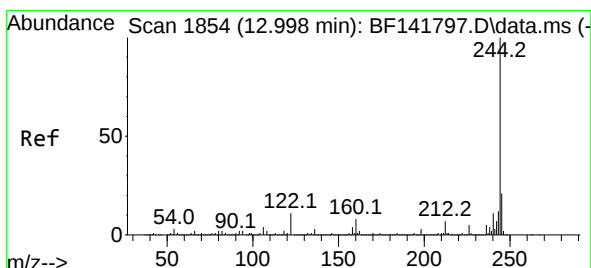
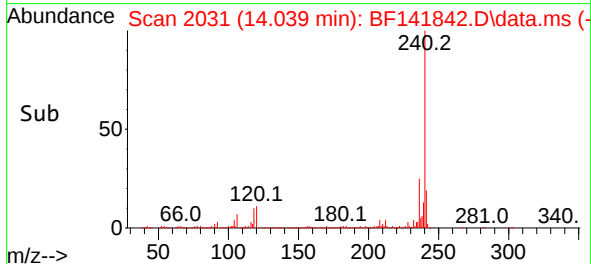
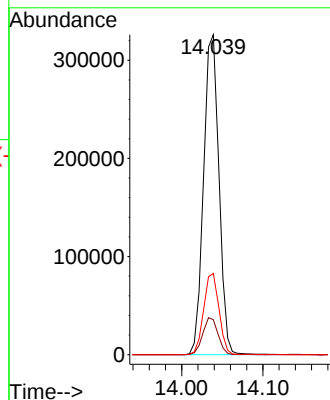
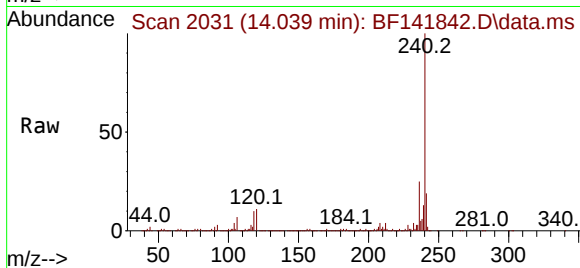
Tgt Ion:240 Resp: 429057

Ion Ratio Lower Upper

240 100

120 11.0 9.7 14.5

236 25.4 21.0 31.4



#79

Terphenyl-d14

Concen: 47.998 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.012 min

Lab File: BF141842.D

Acq: 05 Mar 2025 14:23

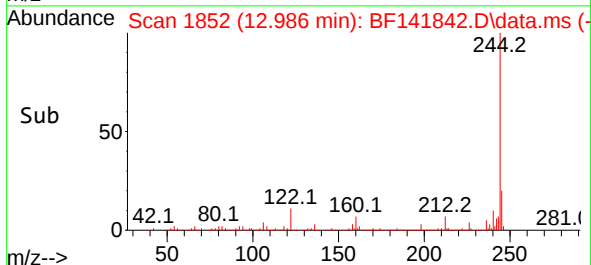
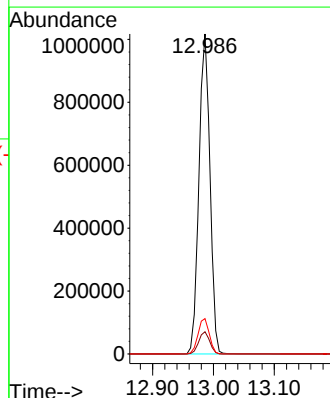
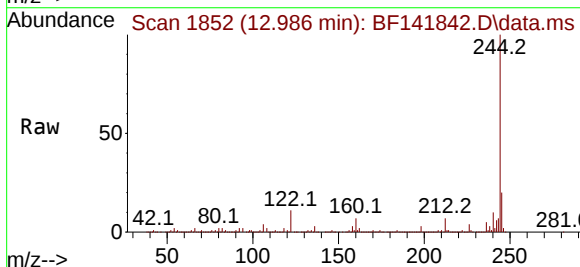
Tgt Ion:244 Resp: 1272874

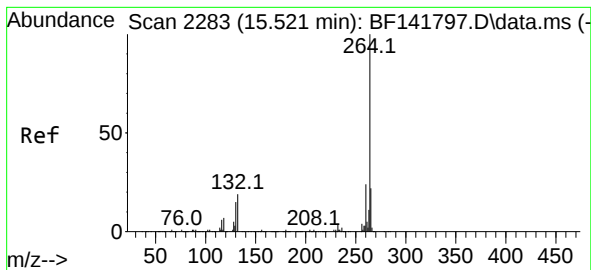
Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 11.0 9.0 13.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141842.D

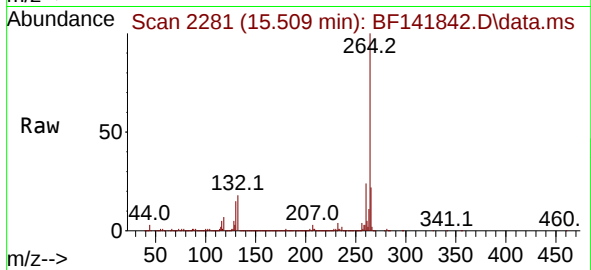
Acq: 05 Mar 2025 14:23

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:264 Resp: 509930

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.0 17.4 26.0

