

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141870.D
 Acq On : 06 Mar 2025 16:00
 Operator : RC/JU
 Sample : Q1488-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-104-GW01

Quant Time: Mar 06 16:30:01 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)

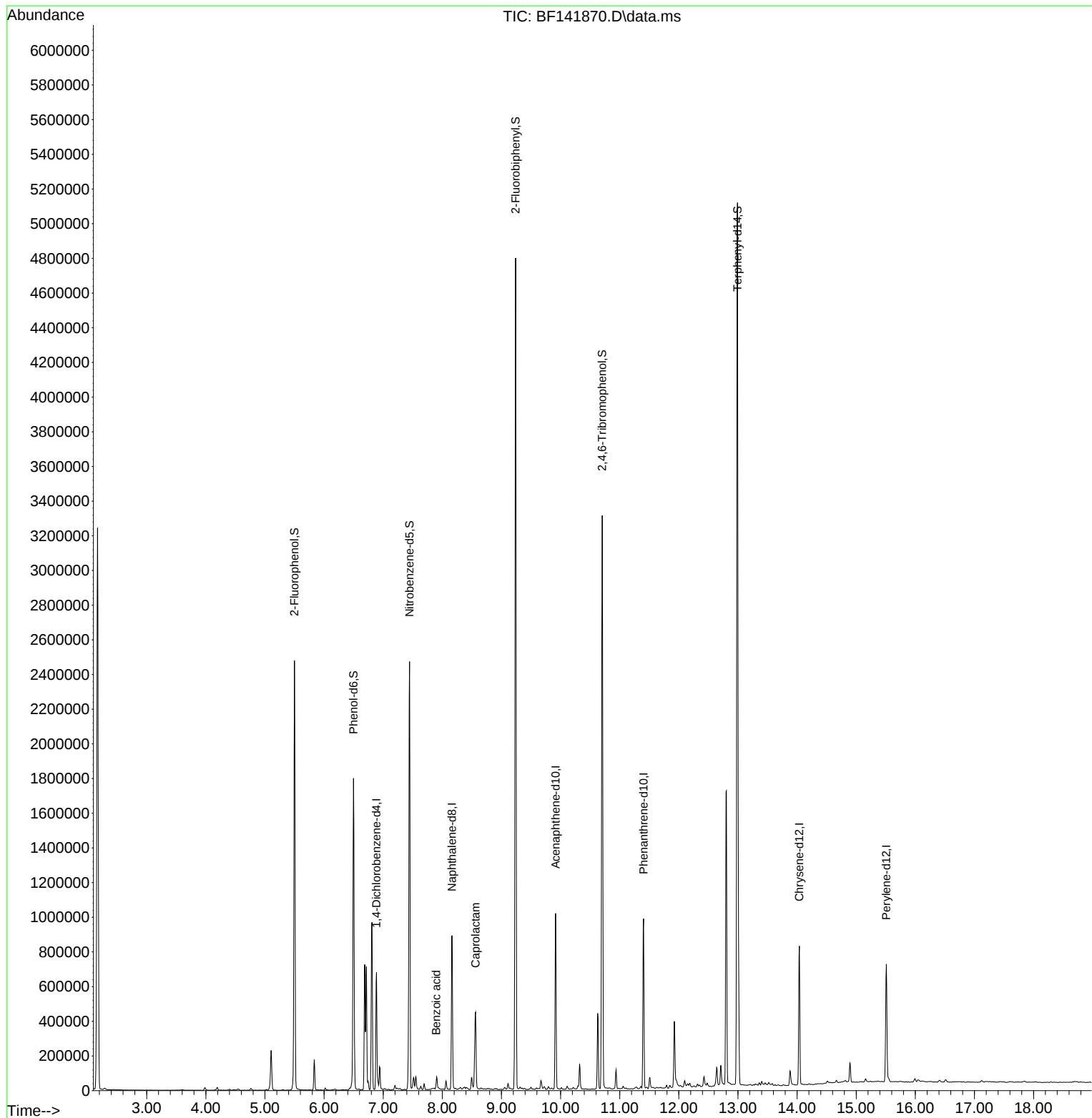
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	140013	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	541385	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	290279	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	493097	20.000	ng	0.00
76) Chrysene-d12	14.039	240	386724	20.000	ng	-0.01
86) Perylene-d12	15.509	264	390388	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	916932	104.585	ng	0.00
7) Phenol-d6	6.498	99	832242	72.931	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1138168	134.381	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	573671	210.507	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2059546	113.765	ng	0.00
79) Terphenyl-d14	12.992	244	2570569	107.544	ng	0.00
Target Compounds						
32) Benzoic acid	7.898	122	8588	8.983	ng	95
35) Caprolactam	8.563	113	79297	33.405	ng	# 86

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

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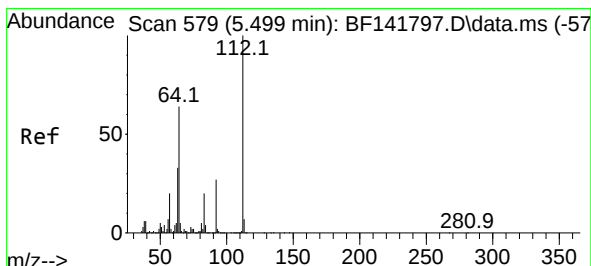
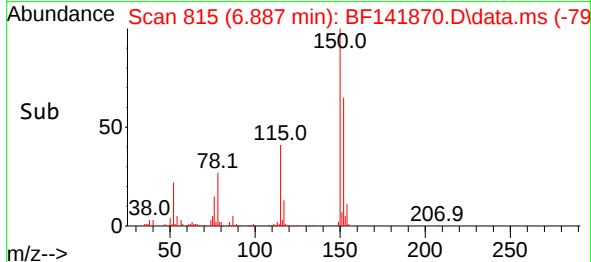
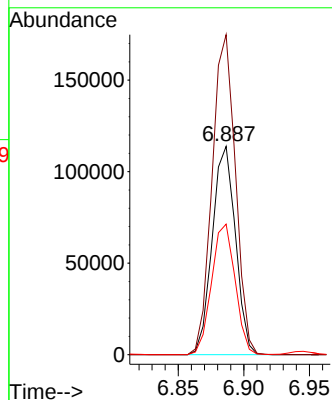
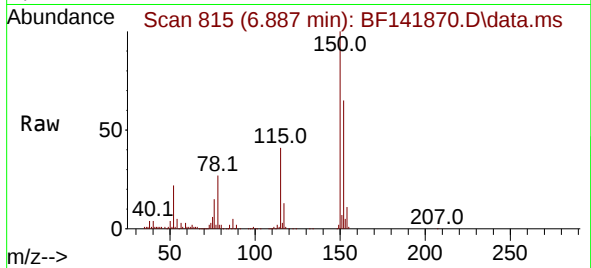




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF141870.D
Acq: 06 Mar 2025 16:00

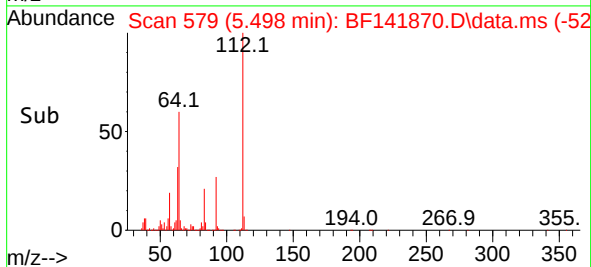
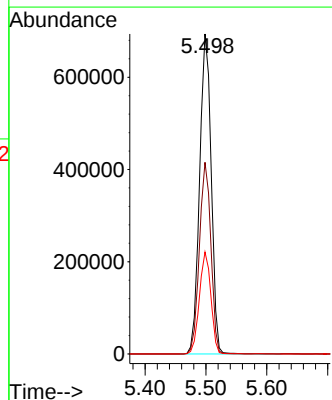
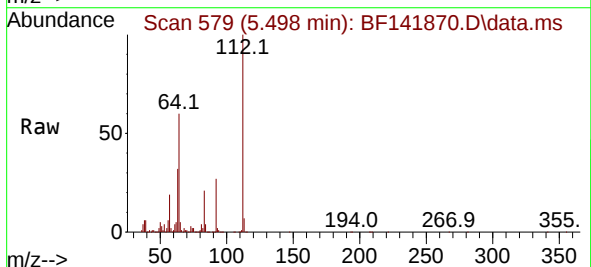
Instrument :
BNA_F
ClientSampleId :
ENV-104-GW01

Tgt Ion:152 Resp: 140013
Ion Ratio Lower Upper
152 100
150 153.6 127.5 191.3
115 62.7 51.4 77.2



#5
2-Fluorophenol
Concen: 104.585 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF141870.D
Acq: 06 Mar 2025 16:00

Tgt Ion:112 Resp: 916932
Ion Ratio Lower Upper
112 100
64 59.9 51.3 76.9
63 31.8 26.2 39.4

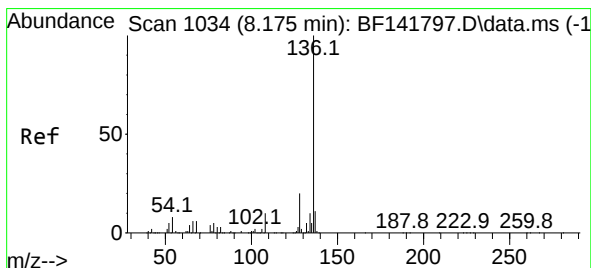
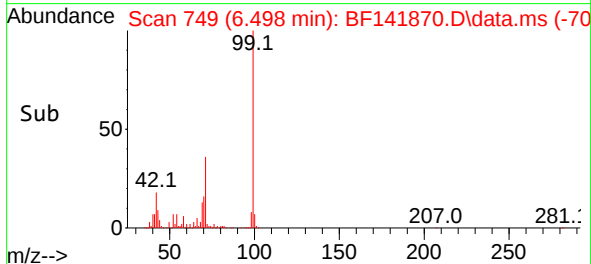
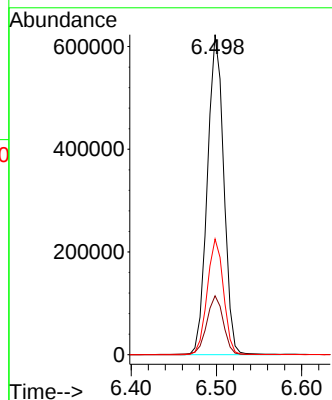
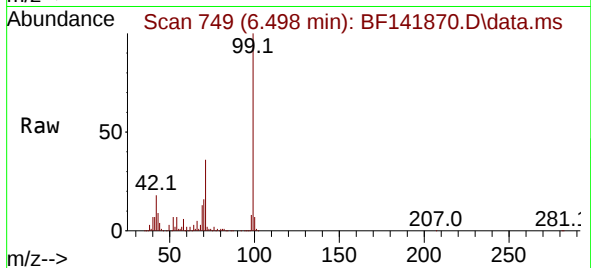




#7
Phenol-d6
Concen: 72.931 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF141870.D
Acq: 06 Mar 2025 16:00

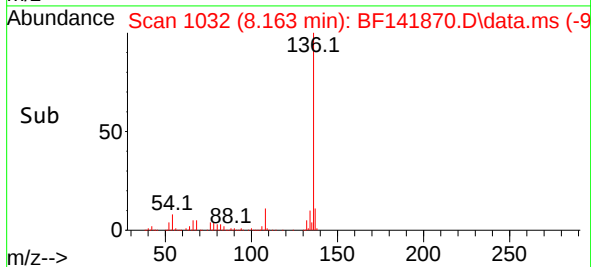
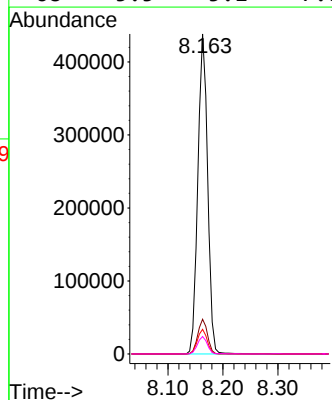
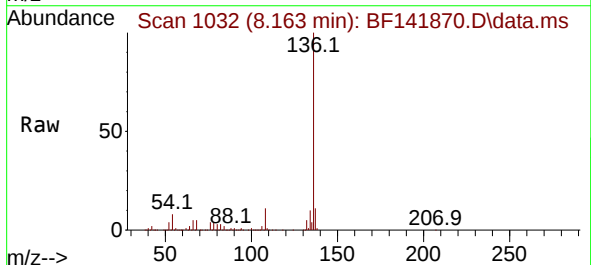
Instrument :
BNA_F
ClientSampleId :
ENV-104-GW01

Tgt Ion: 99 Resp: 832242
Ion Ratio Lower Upper
99 100
42 18.4 15.2 22.8
71 36.2 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: BF141870.D
Acq: 06 Mar 2025 16:00

Tgt Ion: 136 Resp: 541385
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.7 6.9 10.3
68 5.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 134.381 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141870.D

Acq: 06 Mar 2025 16:00

Instrument :

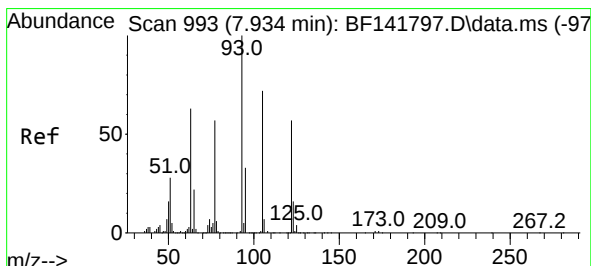
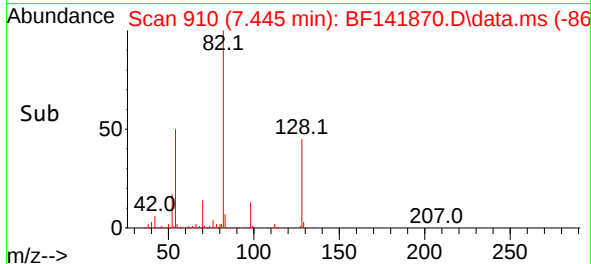
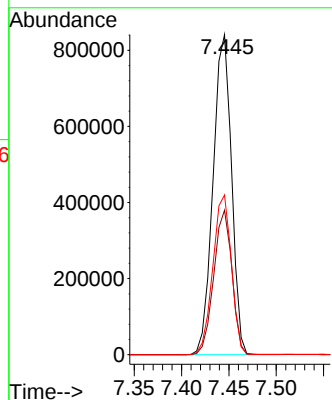
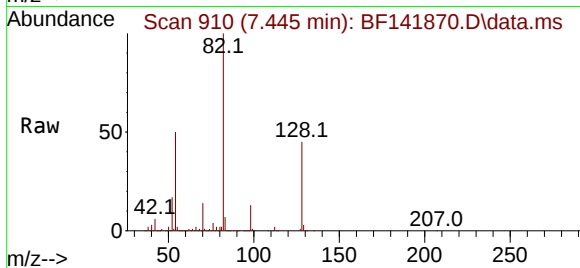
BNA_F

ClientSampleId :

ENV-104-GW01

Tgt Ion: 82 Resp: 1138168

Ion	Ratio	Lower	Upper
82	100		
128	45.1	33.5	50.3
54	49.9	42.7	64.1



#32

Benzoic acid

Concen: 8.983 ng

RT: 7.898 min Scan# 987

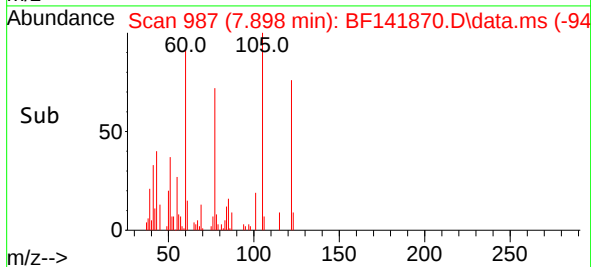
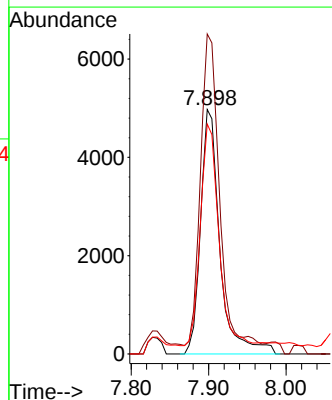
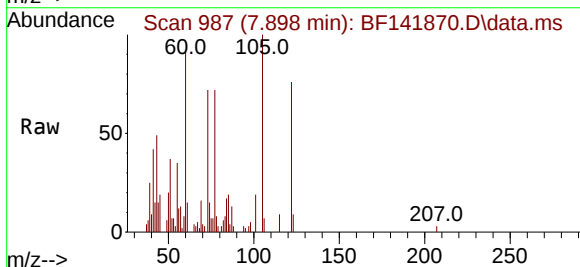
Delta R.T. -0.036 min

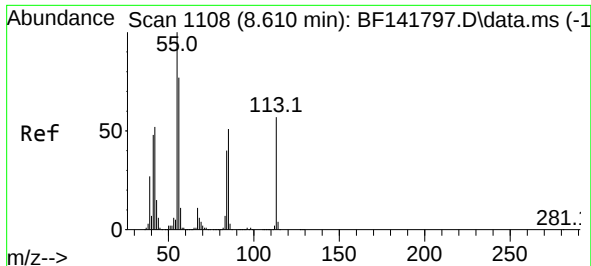
Lab File: BF141870.D

Acq: 06 Mar 2025 16:00

Tgt Ion:122 Resp: 8588

Ion	Ratio	Lower	Upper
122	100		
105	130.8	105.8	145.8
77	94.0	79.9	119.9

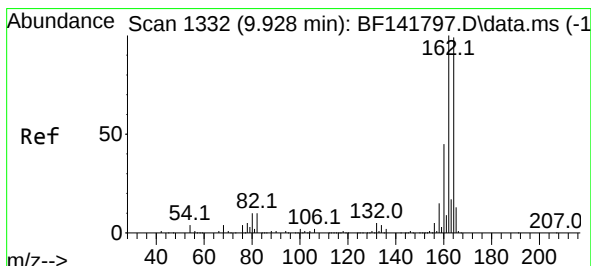
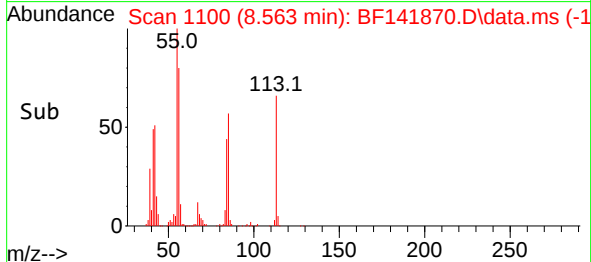
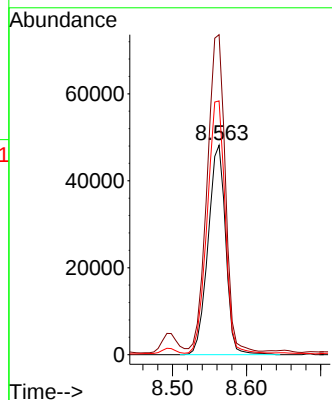
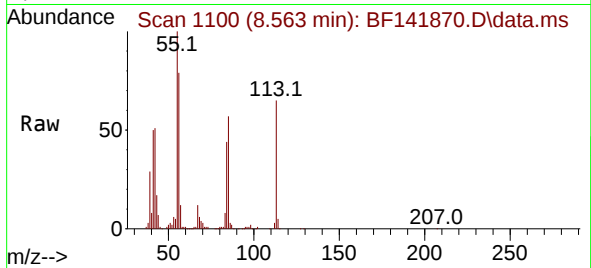




#35
 Caprolactam
 Concen: 33.405 ng
 RT: 8.563 min Scan# 1108
 Delta R.T. -0.047 min
 Lab File: BF141870.D
 Acq: 06 Mar 2025 16:00

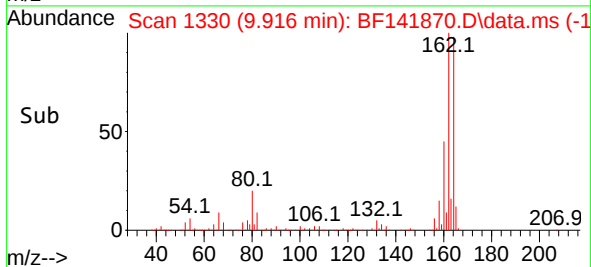
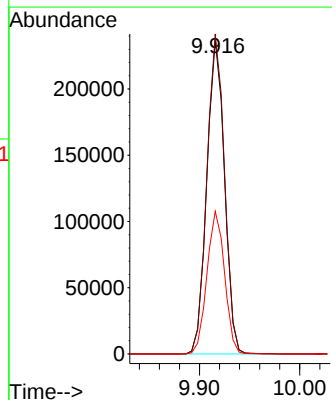
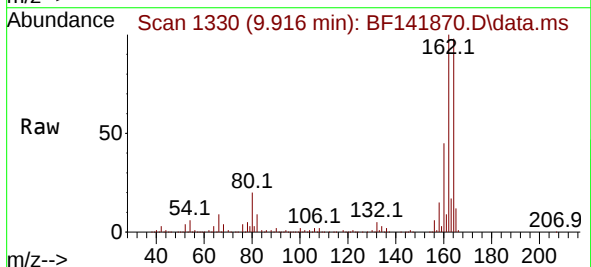
Instrument :
 BNA_F
 ClientSampleId :
 ENV-104-GW01

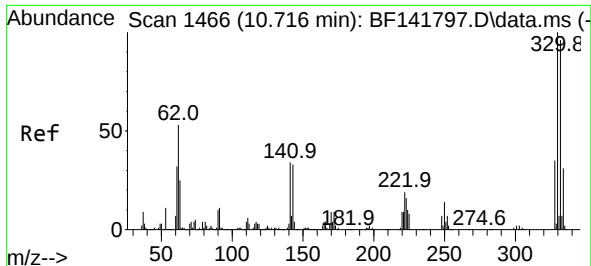
Tgt Ion:113 Resp: 79297
 Ion Ratio Lower Upper
 113 100
 55 152.8 155.6 195.6#
 56 121.2 114.6 154.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1330
 Delta R.T. -0.012 min
 Lab File: BF141870.D
 Acq: 06 Mar 2025 16:00

Tgt Ion:164 Resp: 290279
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.6 120.8
 160 45.5 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 210.507 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF141870.D

Acq: 06 Mar 2025 16:00

Instrument :

BNA_F

ClientSampleId :

ENV-104-GW01

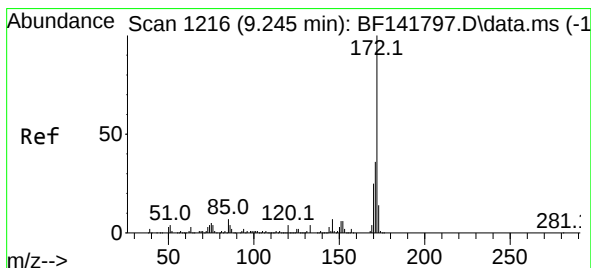
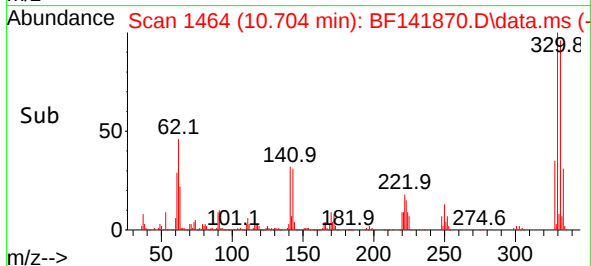
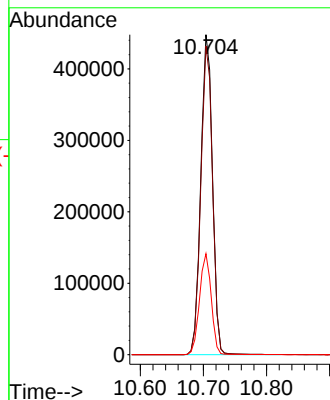
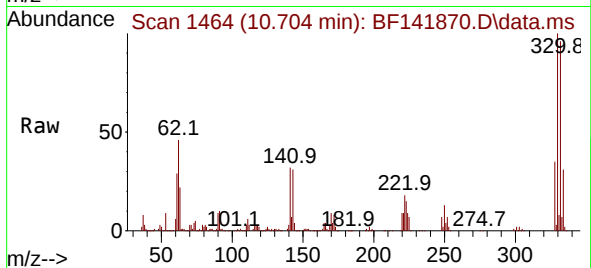
Tgt Ion:330 Resp: 573671

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

141 31.7 29.0 43.4



#45

2-Fluorobiphenyl

Concen: 113.765 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141870.D

Acq: 06 Mar 2025 16:00

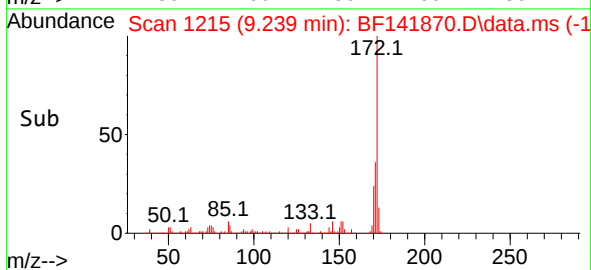
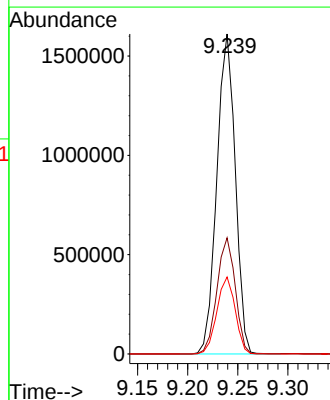
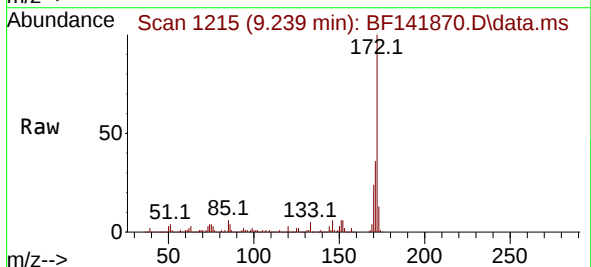
Tgt Ion:172 Resp: 2059546

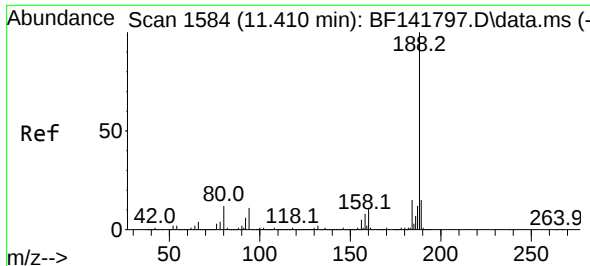
Ion Ratio Lower Upper

172 100

171 36.3 29.2 43.8

170 24.0 19.7 29.5

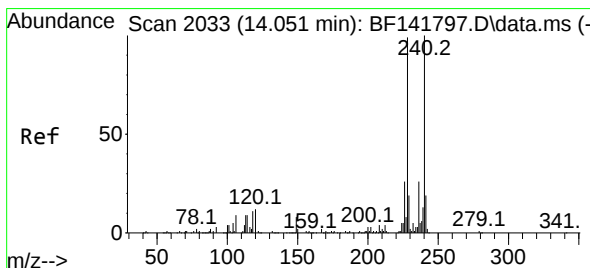
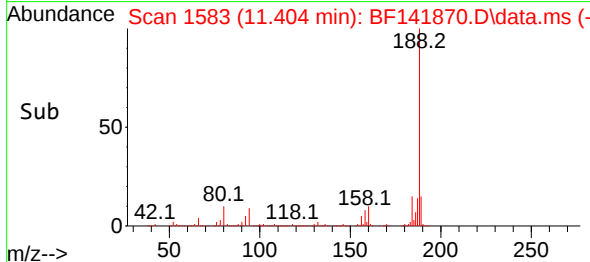
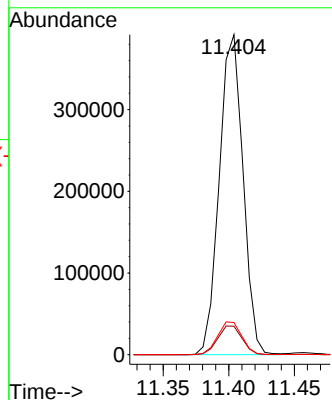
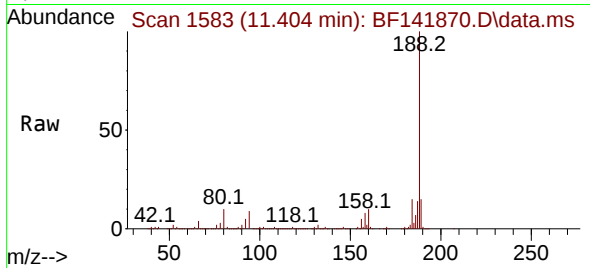




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141870.D
Acq: 06 Mar 2025 16:00

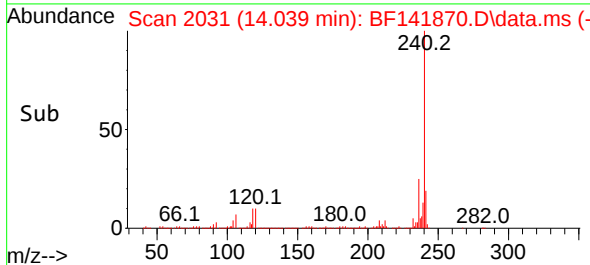
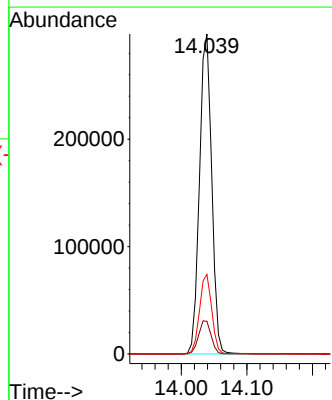
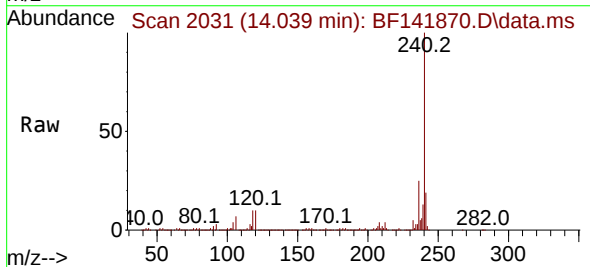
Instrument :
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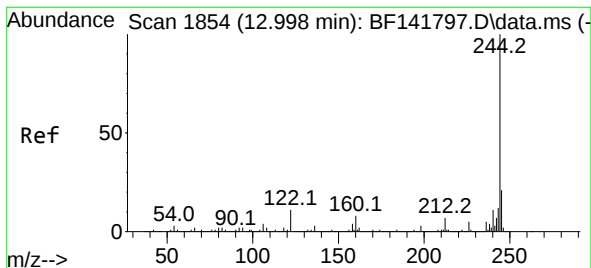
Tgt Ion:188 Resp: 493097
Ion Ratio Lower Upper
188 100
94 8.9 8.9 13.3
80 10.1 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF141870.D
Acq: 06 Mar 2025 16:00

Tgt Ion:240 Resp: 386724
Ion Ratio Lower Upper
240 100
120 10.2 9.7 14.5
236 24.8 21.0 31.4





#79

Terphenyl-d14

Concen: 107.544 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF141870.D

Acq: 06 Mar 2025 16:00

Instrument :

BNA_F

ClientSampleId :

ENV-104-GW01

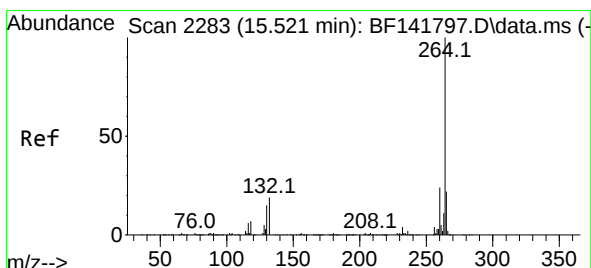
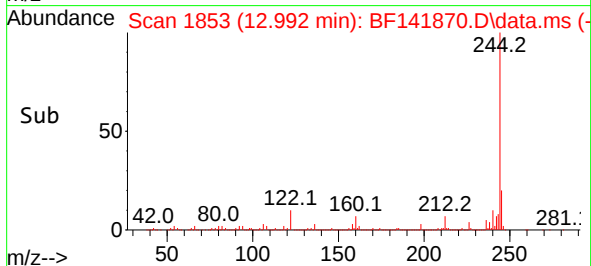
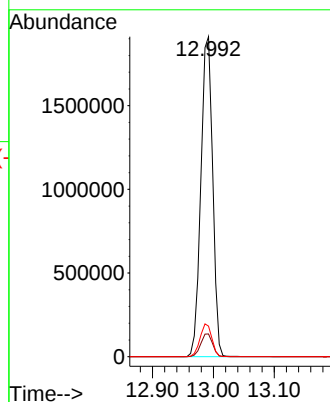
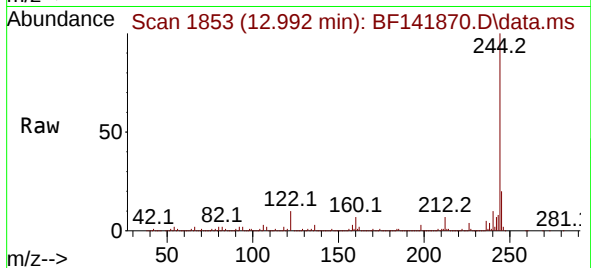
Tgt Ion:244 Resp: 2570569

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 9.5 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: BF141870.D

Acq: 06 Mar 2025 16:00

Tgt Ion:264 Resp: 390388

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.3 17.4 26.0

