

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141871.D
 Acq On : 06 Mar 2025 16:29
 Operator : RC/JU
 Sample : Q1488-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-102-GW01

Quant Time: Mar 06 16:56:25 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)

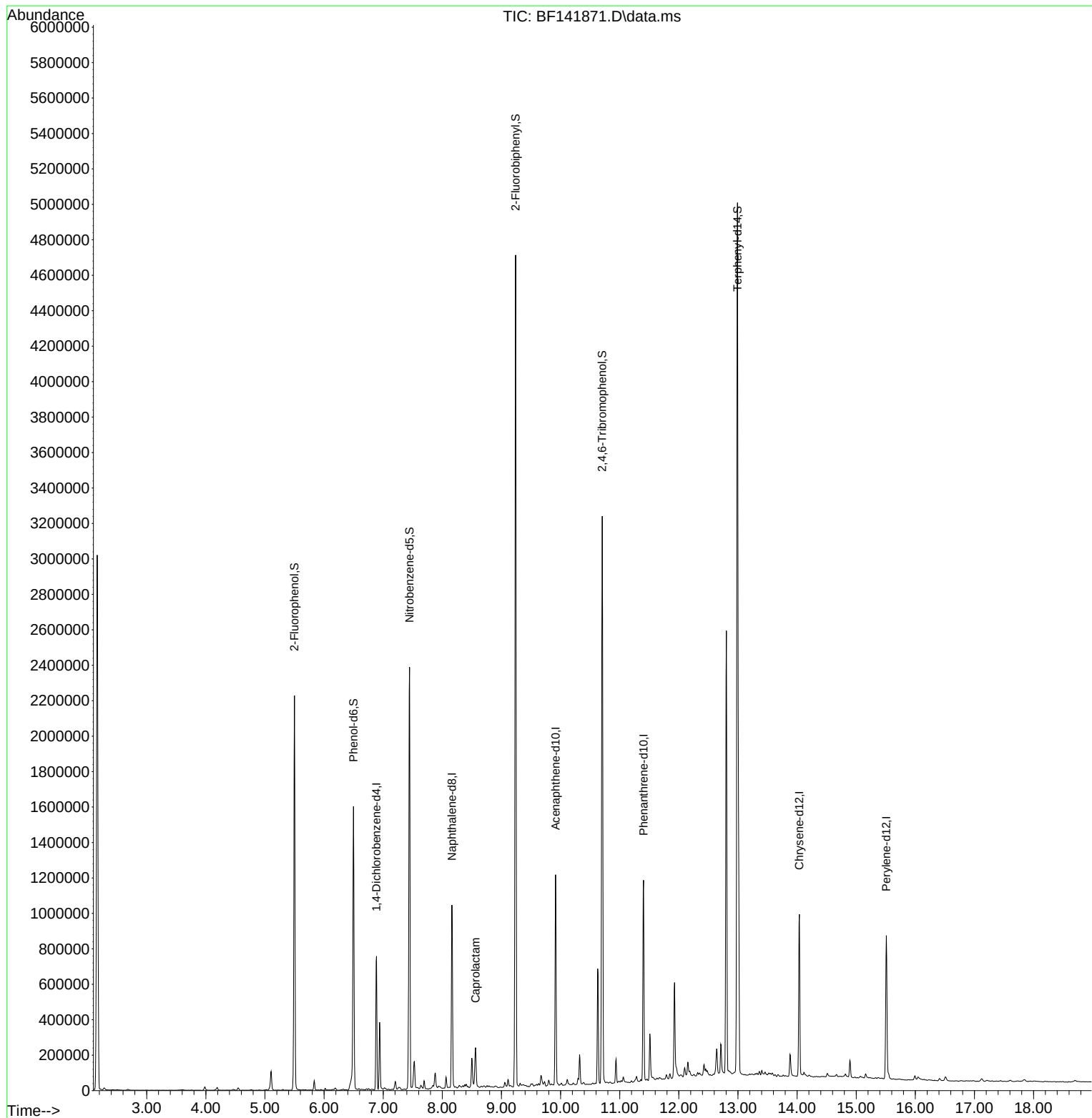
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	157960	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	631847	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	343111	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	586477	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	448542	20.000	ng	-0.01
86) Perylene-d12	15.510	264	460671	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	817936	82.694	ng	0.00
7) Phenol-d6	6.498	99	708314	55.018	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1104750	111.761	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	561334	174.263	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2021701	94.479	ng	0.00
79) Terphenyl-d14	12.992	244	2430546	87.671	ng	0.00
Target Compounds						
35) Caprolactam	8.563	113	37378	13.492	ng	Qvalue 93

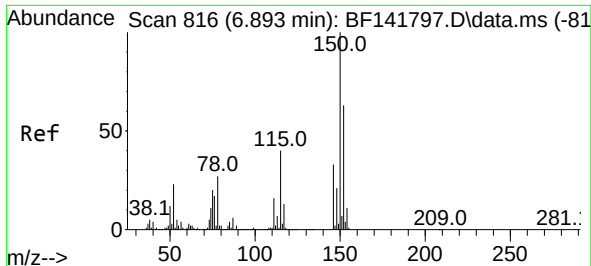
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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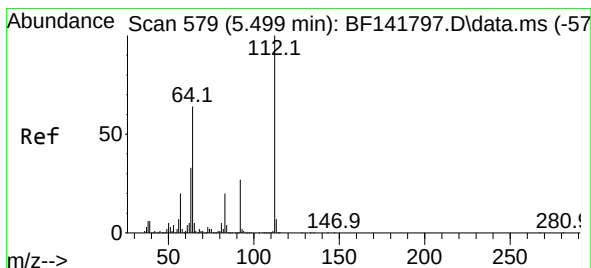
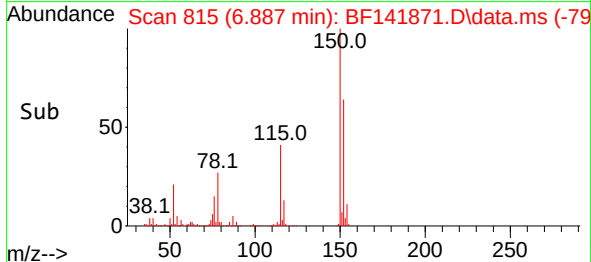
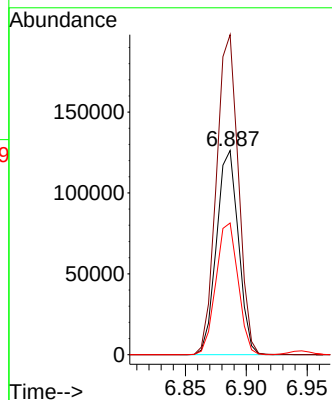
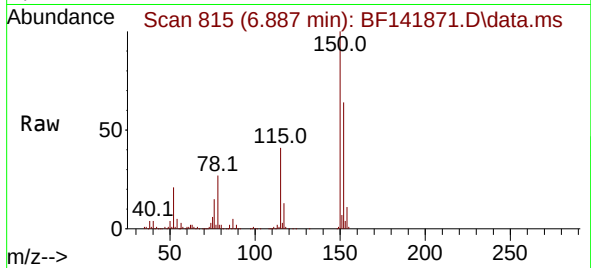




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF141871.D
Acq: 06 Mar 2025 16:29

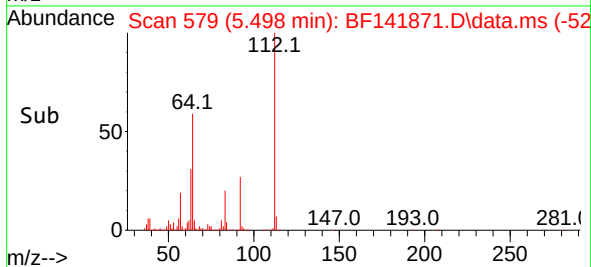
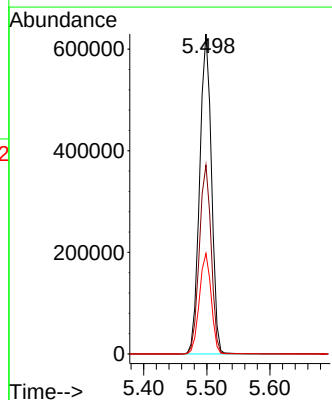
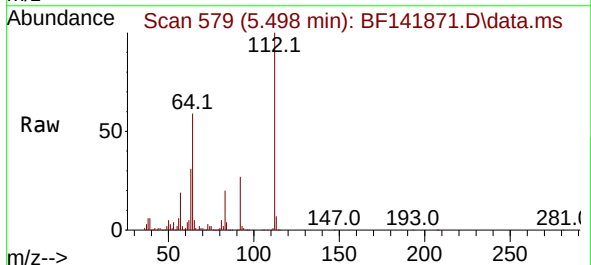
Instrument :
BNA_F
ClientSampleId :
ENV-102-GW01

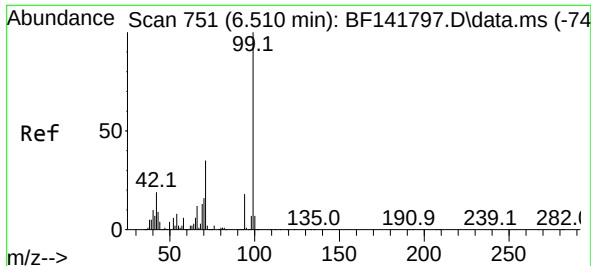
Tgt Ion:152 Resp: 157960
Ion Ratio Lower Upper
152 100
150 156.7 127.5 191.3
115 64.5 51.4 77.2



#5
2-Fluorophenol
Concen: 82.694 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF141871.D
Acq: 06 Mar 2025 16:29

Tgt Ion:112 Resp: 817936
Ion Ratio Lower Upper
112 100
64 59.0 51.3 76.9
63 31.4 26.2 39.4

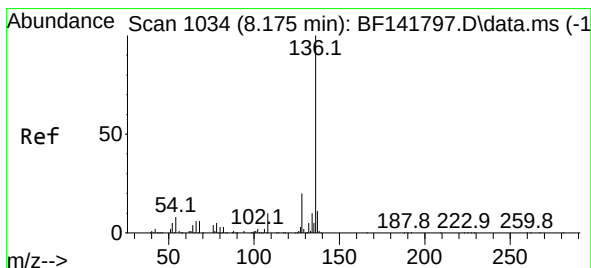
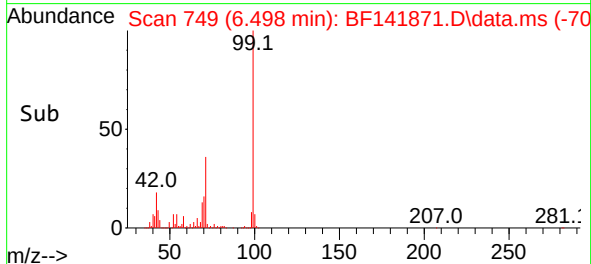
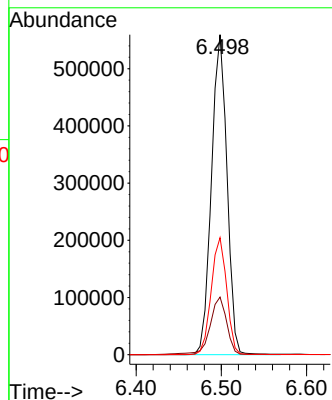
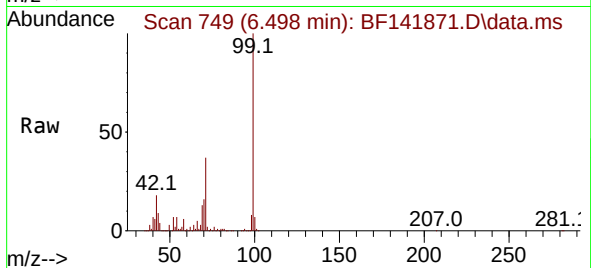




#7
Phenol-d6
Concen: 55.018 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF141871.D
Acq: 06 Mar 2025 16:29

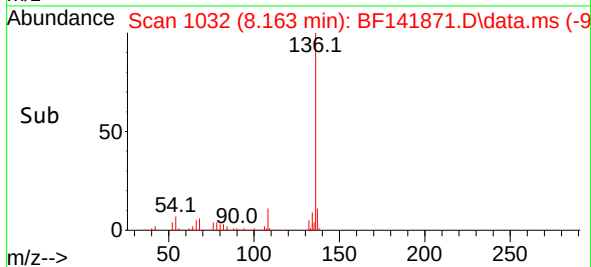
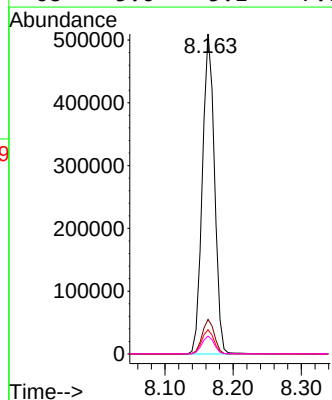
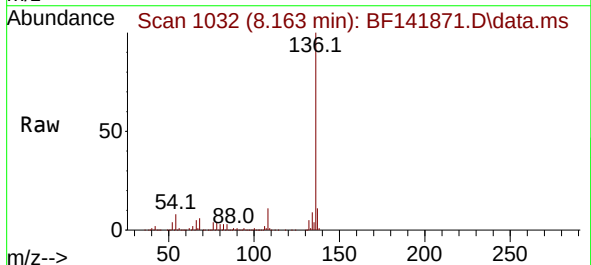
Instrument :
BNA_F
ClientSampleId :
ENV-102-GW01

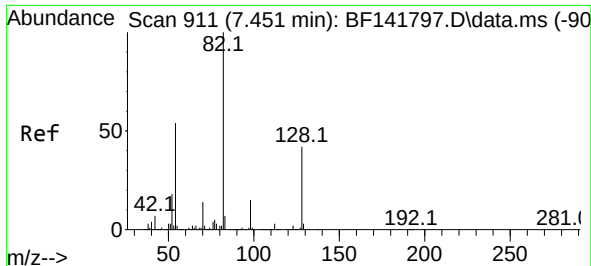
Tgt Ion: 99 Resp: 708314
Ion Ratio Lower Upper
99 100
42 18.0 15.2 22.8
71 36.5 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141871.D
Acq: 06 Mar 2025 16:29

Tgt Ion: 136 Resp: 631847
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.6 6.9 10.3
68 5.6 5.1 7.7





#23

Nitrobenzene-d5

Concen: 111.761 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141871.D

Acq: 06 Mar 2025 16:29

Instrument :

BNA_F

ClientSampleId :

ENV-102-GW01

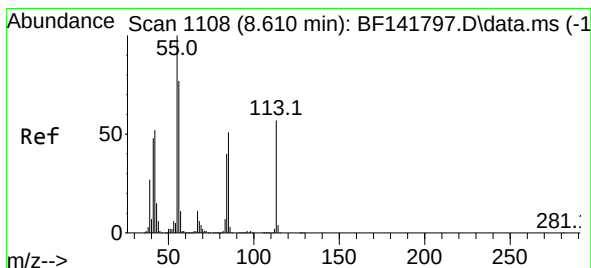
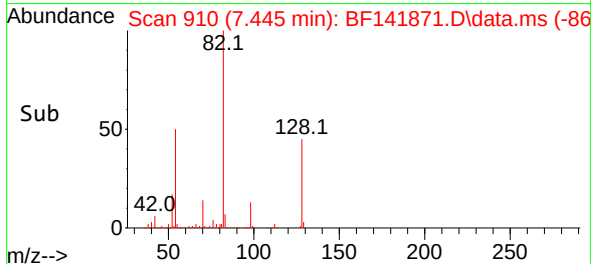
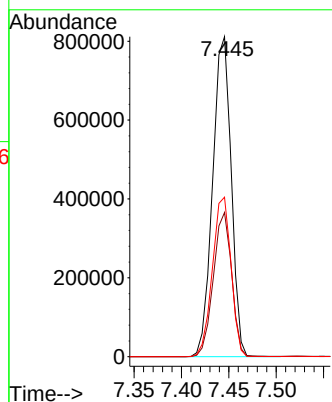
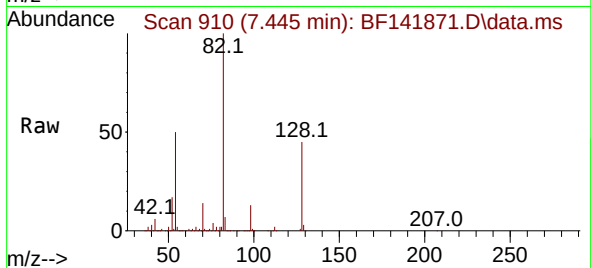
Tgt Ion: 82 Resp: 1104750

Ion Ratio Lower Upper

82 100

128 45.1 33.5 50.3

54 49.8 42.7 64.1



#35

Caprolactam

Concen: 13.492 ng

RT: 8.563 min Scan# 1100

Delta R.T. -0.047 min

Lab File: BF141871.D

Acq: 06 Mar 2025 16:29

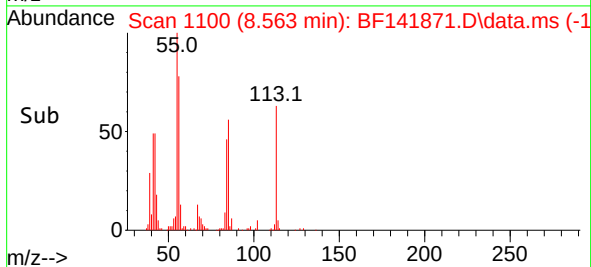
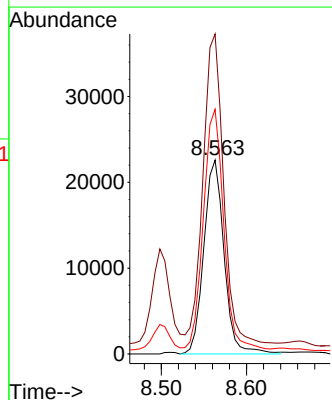
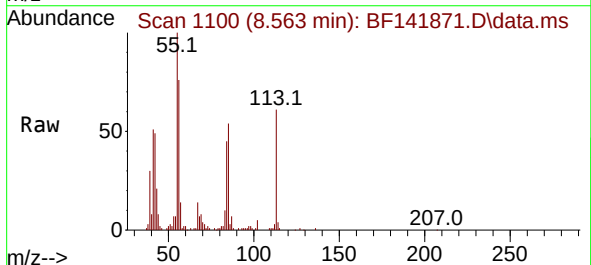
Tgt Ion: 113 Resp: 37378

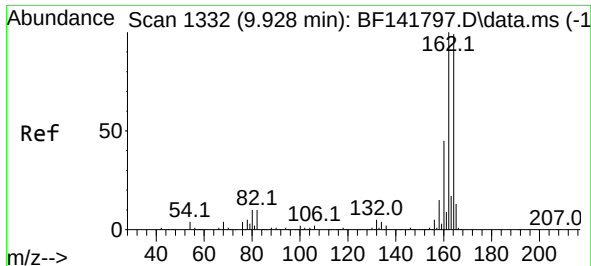
Ion Ratio Lower Upper

113 100

55 165.0 155.6 195.6

56 126.2 114.6 154.6

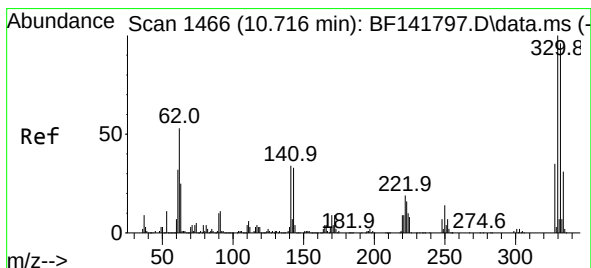
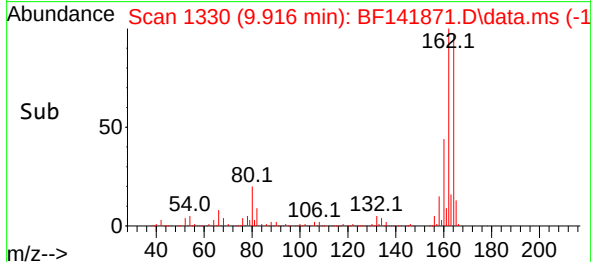
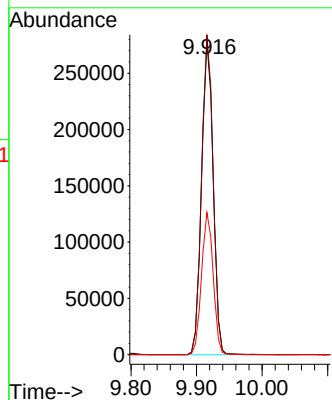
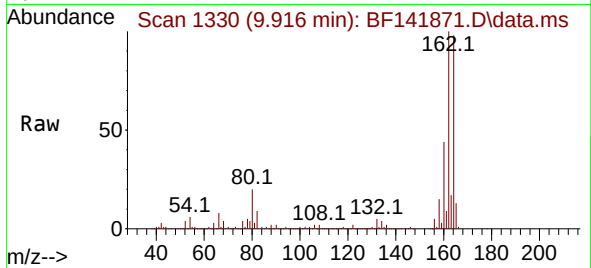




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141871.D
Acq: 06 Mar 2025 16:29

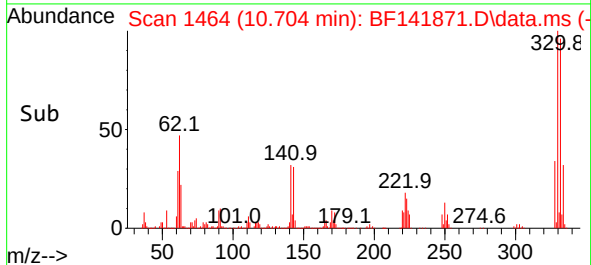
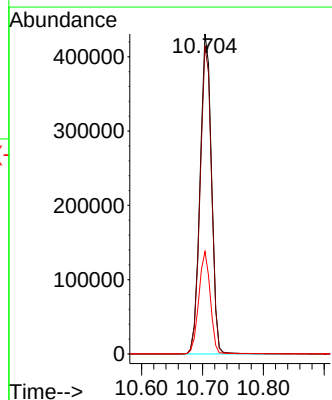
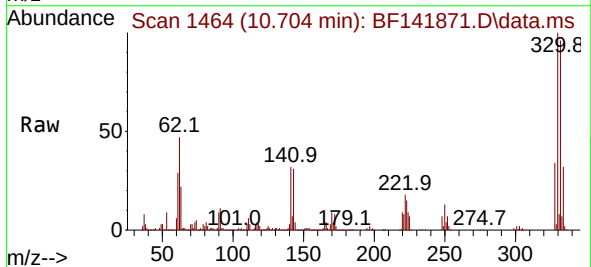
Instrument :
BNA_F
ClientSampleId :
ENV-102-GW01

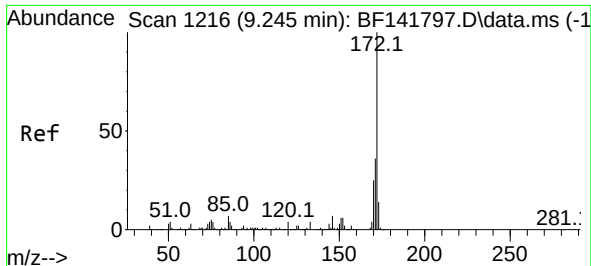
Tgt Ion:164 Resp: 343111
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 45.5 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 174.263 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF141871.D
Acq: 06 Mar 2025 16:29

Tgt Ion:330 Resp: 561334
Ion Ratio Lower Upper
330 100
332 96.5 76.6 115.0
141 32.0 29.0 43.4

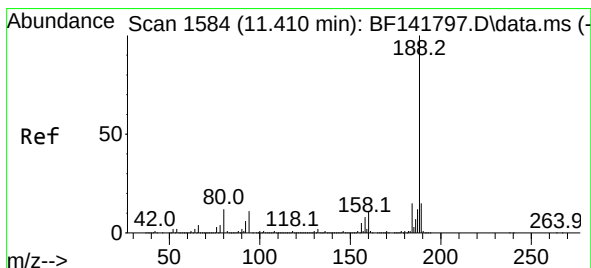
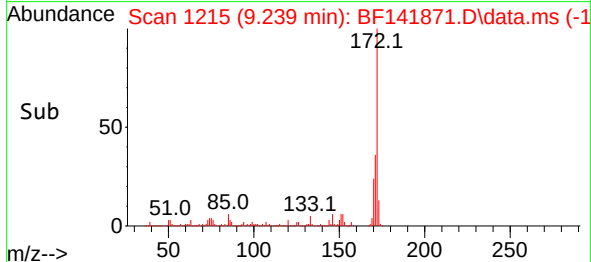
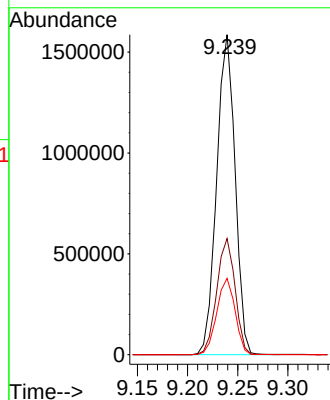
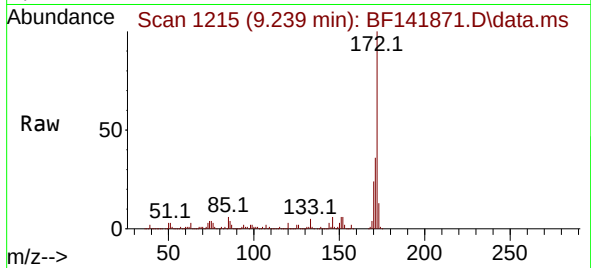




#45
2-Fluorobiphenyl
Concen: 94.479 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF141871.D
Acq: 06 Mar 2025 16:29

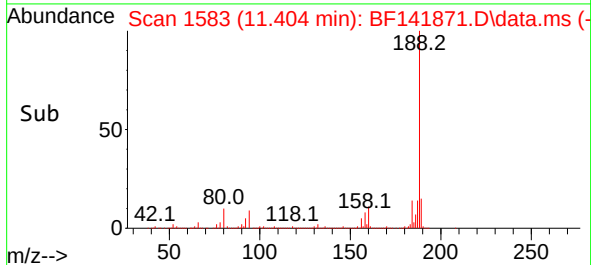
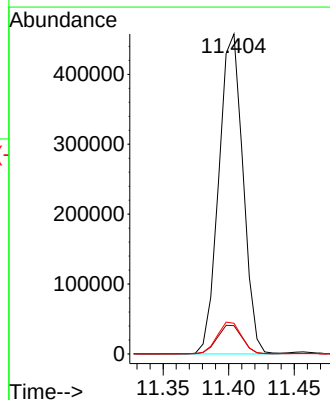
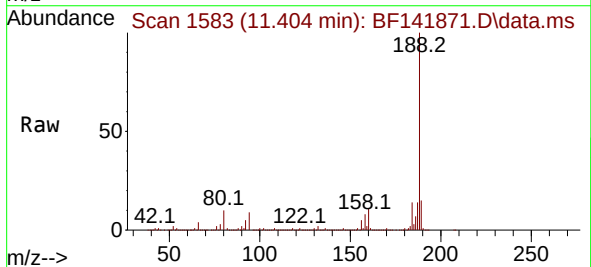
Instrument :
BNA_F
ClientSampleId :
ENV-102-GW01

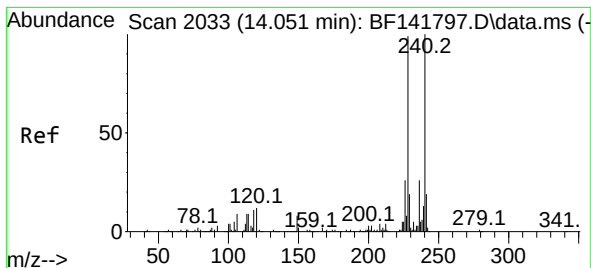
Tgt Ion:172 Resp: 2021701
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 23.9 19.7 29.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF141871.D
Acq: 06 Mar 2025 16:29

Tgt Ion:188 Resp: 586477
Ion Ratio Lower Upper
188 100
94 8.9 8.9 13.3#
80 9.6 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: BF141871.D

Acq: 06 Mar 2025 16:29

Instrument :

BNA_F

ClientSampleId :

ENV-102-GW01

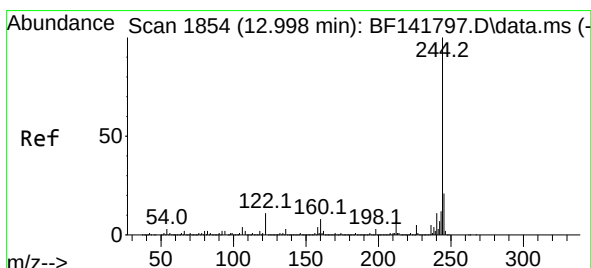
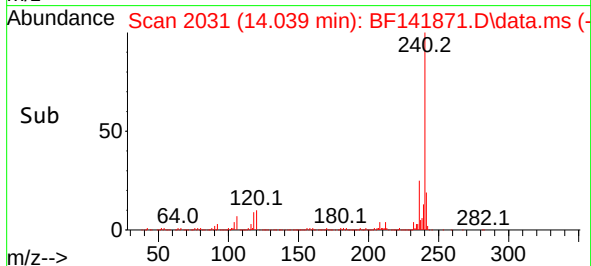
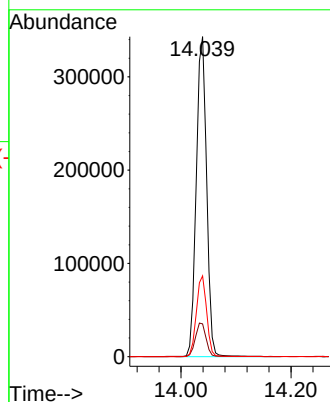
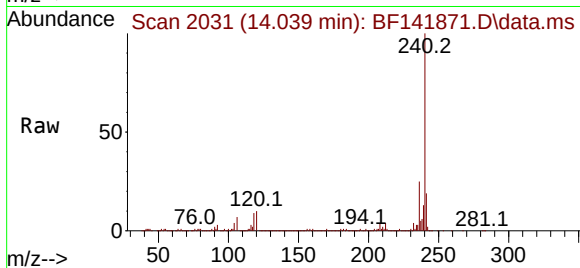
Tgt Ion:240 Resp: 448542

Ion Ratio Lower Upper

240 100

120 10.3 9.7 14.5

236 25.3 21.0 31.4



#79

Terphenyl-d14

Concen: 87.671 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF141871.D

Acq: 06 Mar 2025 16:29

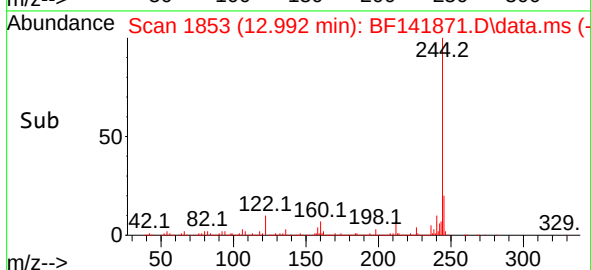
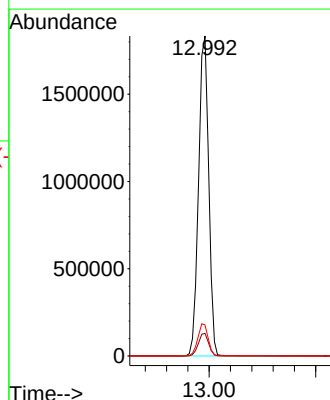
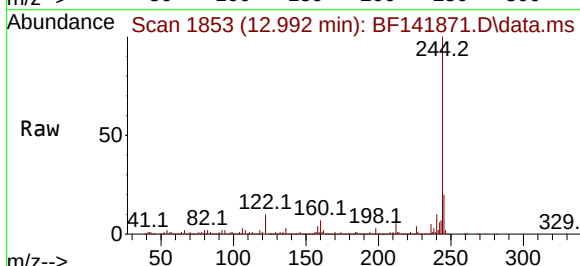
Tgt Ion:244 Resp: 2430546

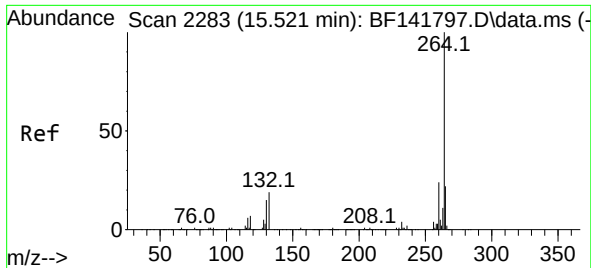
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

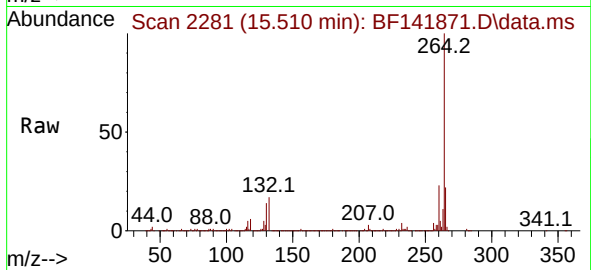
122 9.7 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF141871.D
 Acq: 06 Mar 2025 16:29

Instrument :
 BNA_F
 ClientSampleId :
 ENV-102-GW01



Tgt Ion:264 Resp: 460671
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.9 28.3
 265 21.6 17.4 26.0

