

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144025.D
 Acq On : 21 Oct 2025 21:25
 Operator : RC/JU
 Sample : Q3397-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-WC

Quant Time: Oct 22 11:12:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	112814	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	398127	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	192440	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	278579	20.000	ng	0.00
76) Chrysene-d12	14.057	240	243631	20.000	ng	-0.01
86) Perylene-d12	15.545	264	313079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	604581	85.102	ng	0.00
7) Phenol-d6	6.504	99	691002	81.602	ng	-0.01
23) Nitrobenzene-d5	7.440	82	410175	62.593	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	131737	68.730	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	710692	58.599	ng	-0.01
79) Terphenyl-d14	12.998	244	564465	39.597	ng	-0.01

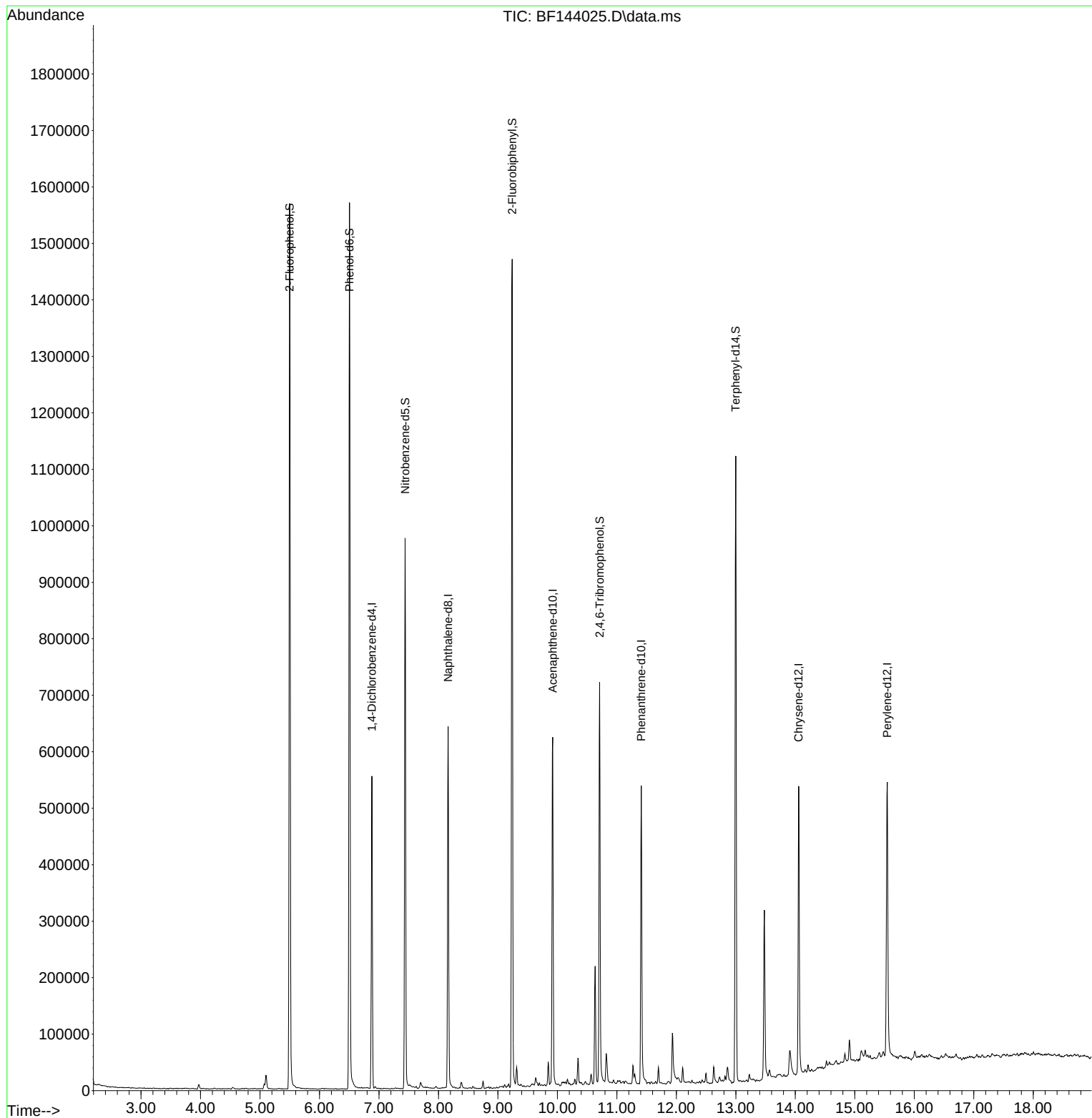
Target Compounds	Qvalue

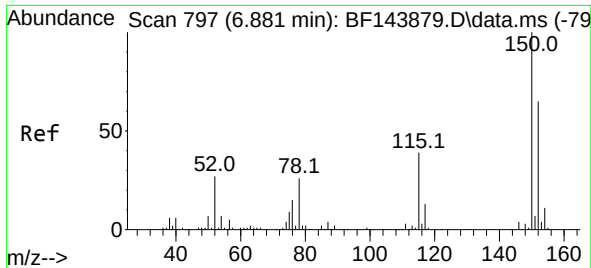
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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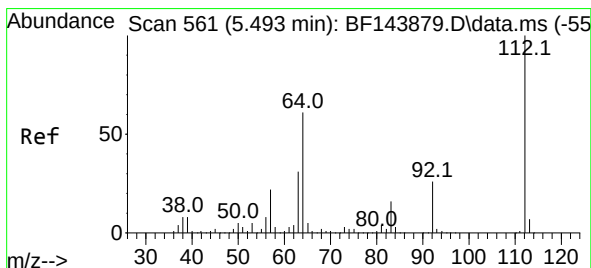
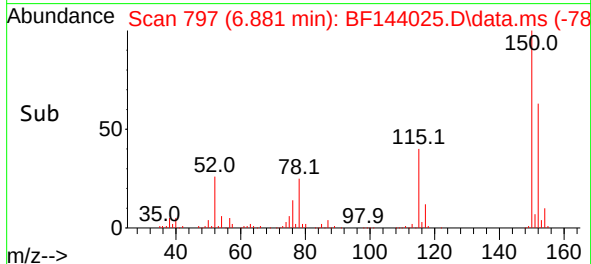
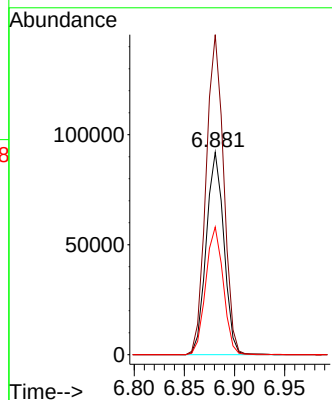
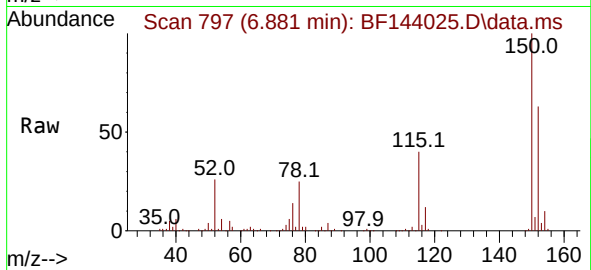




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.005 min
Lab File: BF144025.D
Acq: 21 Oct 2025 21:25

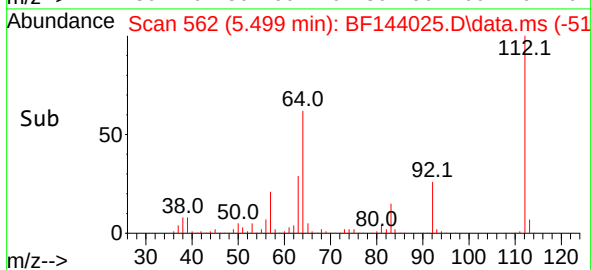
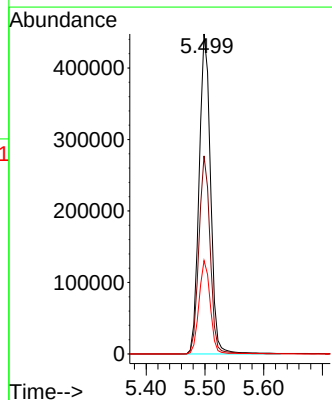
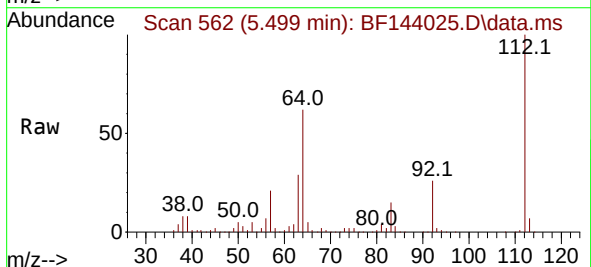
Instrument :
BNA_F
ClientSampleId :
TP-7-WC

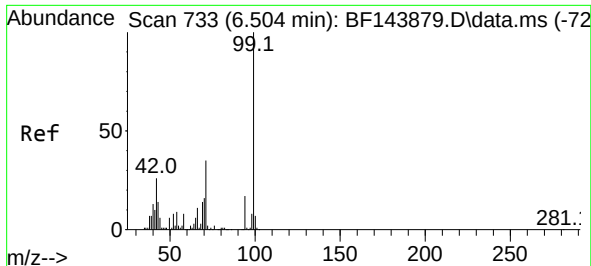
Tgt Ion:152 Resp: 112814
Ion Ratio Lower Upper
152 100
150 158.1 124.4 186.6
115 63.1 48.1 72.1



#5
2-Fluorophenol
Concen: 85.102 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF144025.D
Acq: 21 Oct 2025 21:25

Tgt Ion:112 Resp: 604581
Ion Ratio Lower Upper
112 100
64 61.9 49.1 73.7
63 29.2 24.5 36.7

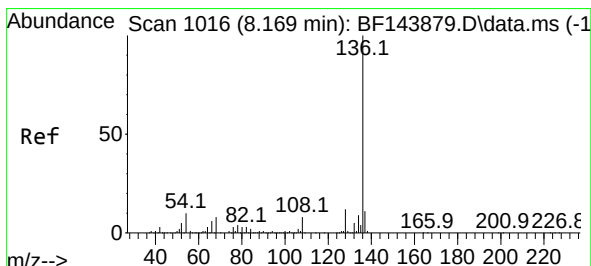
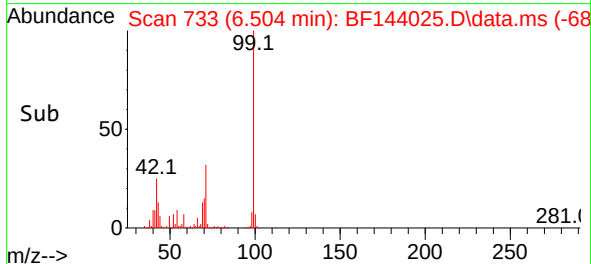
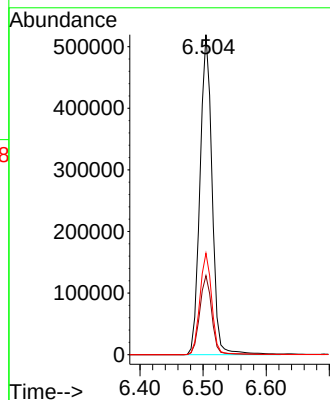
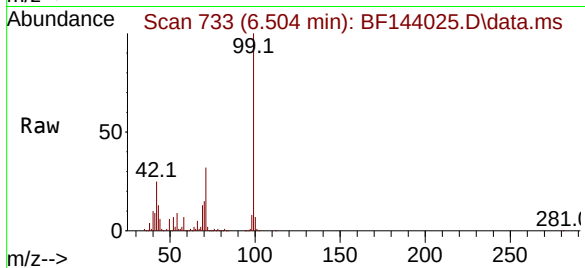




#7
Phenol-d6
Concen: 81.602 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144025.D
Acq: 21 Oct 2025 21:25

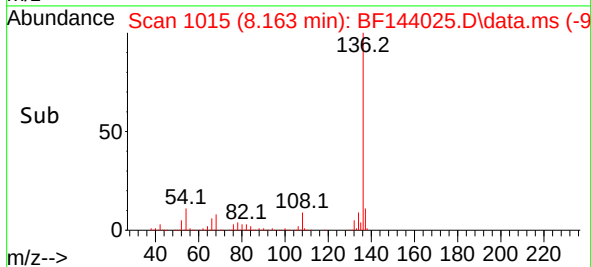
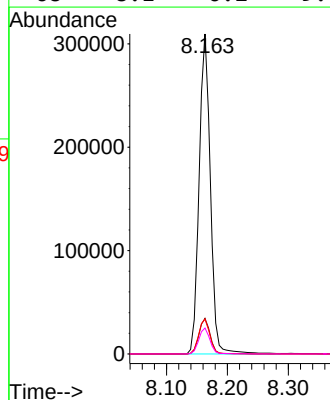
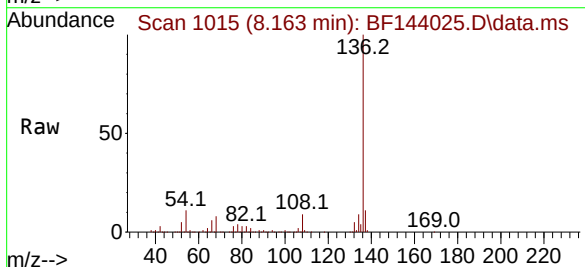
Instrument :
BNA_F
ClientSampleId :
TP-7-WC

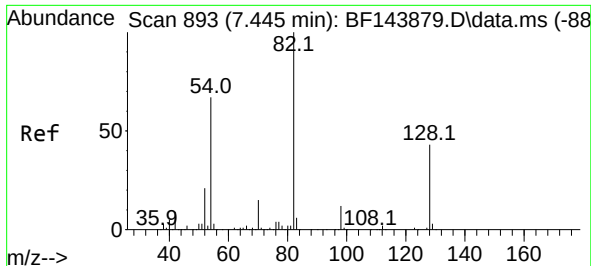
Tgt Ion: 99 Resp: 691002
Ion Ratio Lower Upper
99 100
42 24.7 21.0 31.4
71 31.7 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144025.D
Acq: 21 Oct 2025 21:25

Tgt Ion: 136 Resp: 398127
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.8 8.2 12.4
68 8.1 6.2 9.4





#23

Nitrobenzene-d5

Concen: 62.593 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.017 min

Lab File: BF144025.D

Acq: 21 Oct 2025 21:25

Instrument :

BNA_F

ClientSampleId :

TP-7-WC

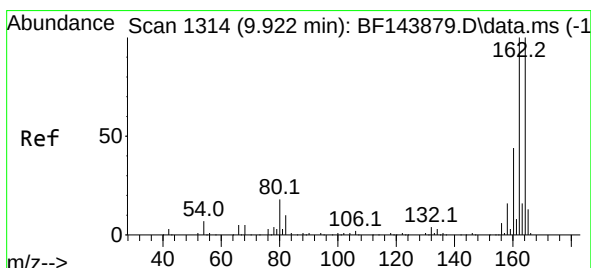
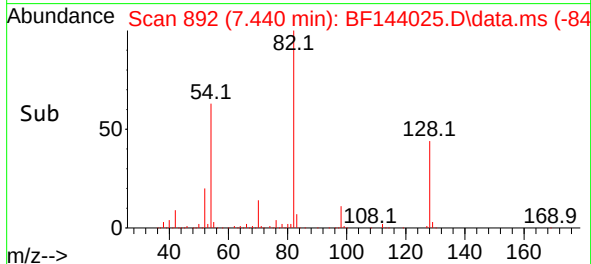
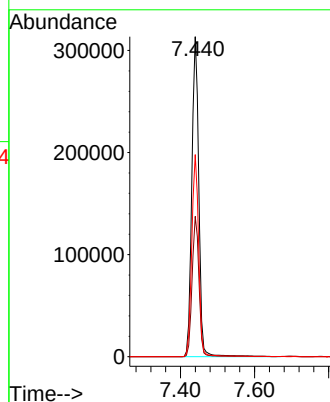
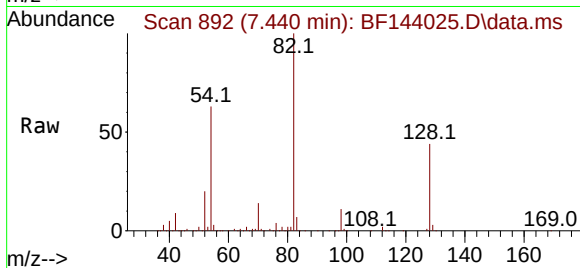
Tgt Ion: 82 Resp: 410175

Ion Ratio Lower Upper

82 100

128 43.8 34.0 51.0

54 63.2 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF144025.D

Acq: 21 Oct 2025 21:25

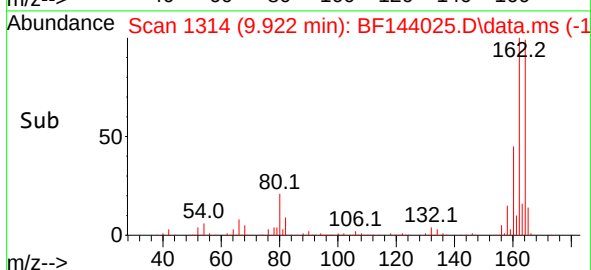
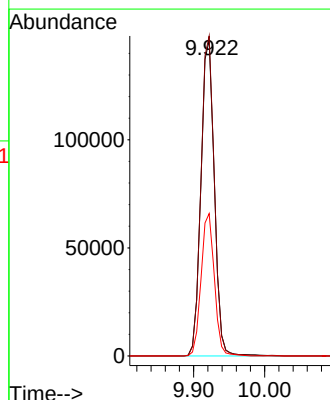
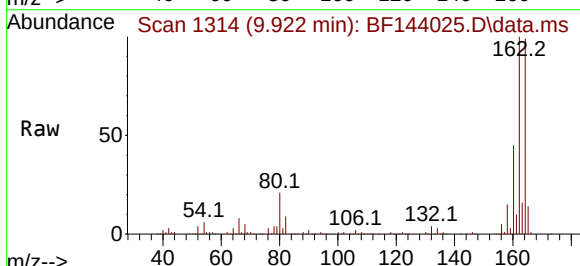
Tgt Ion:164 Resp: 192440

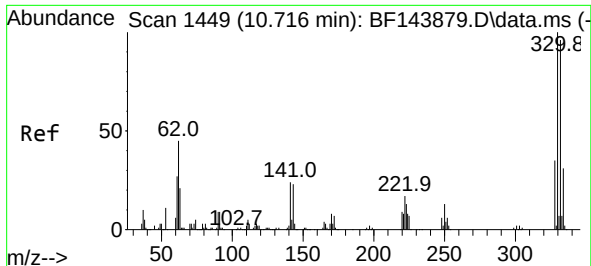
Ion Ratio Lower Upper

164 100

162 101.3 80.2 120.2

160 45.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 68.730 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF144025.D

Acq: 21 Oct 2025 21:25

Instrument :

BNA_F

ClientSampleId :

TP-7-WC

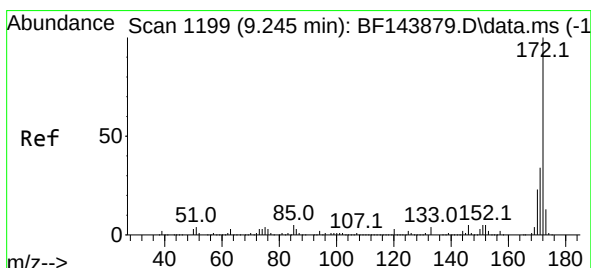
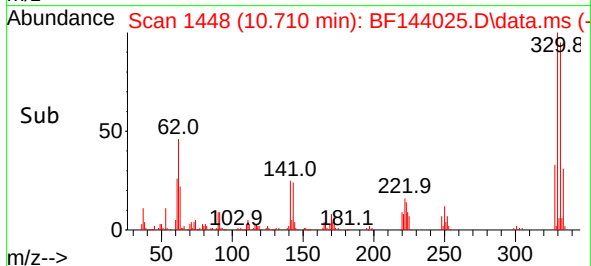
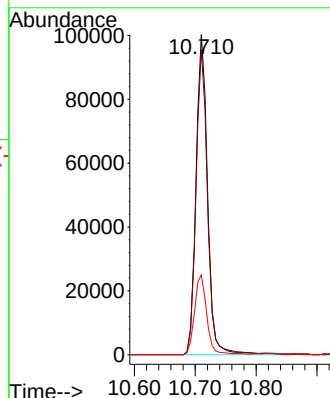
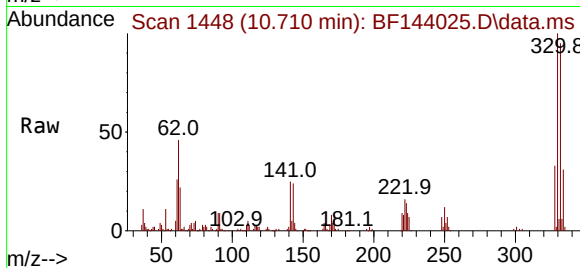
Tgt Ion:330 Resp: 131737

Ion Ratio Lower Upper

330 100

332 94.9 76.9 115.3

141 26.4 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 58.599 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.011 min

Lab File: BF144025.D

Acq: 21 Oct 2025 21:25

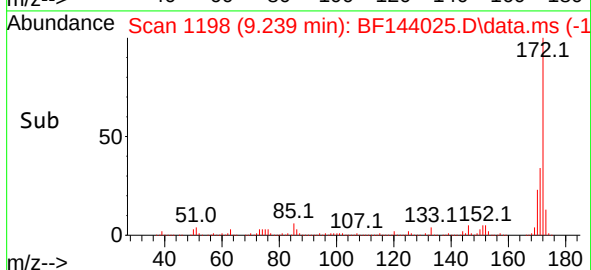
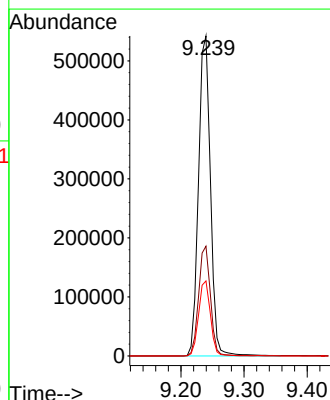
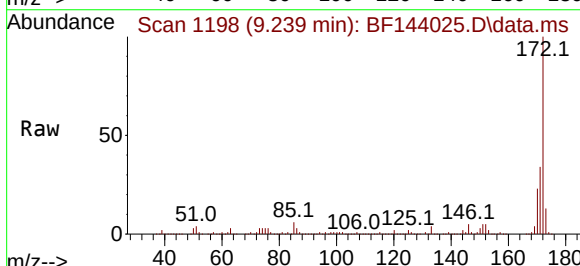
Tgt Ion:172 Resp: 710692

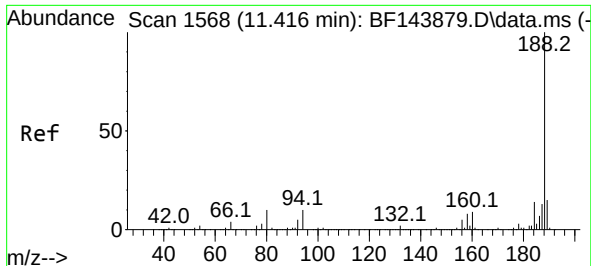
Ion Ratio Lower Upper

172 100

171 34.3 27.4 41.0

170 23.5 18.6 28.0

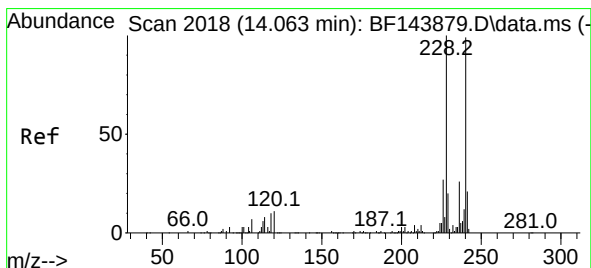
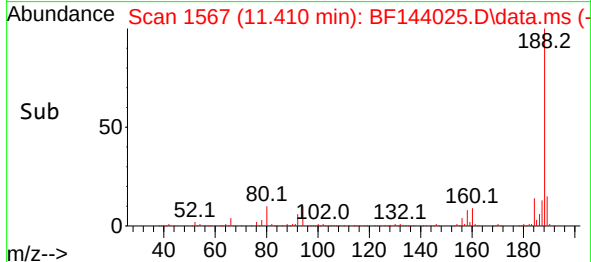
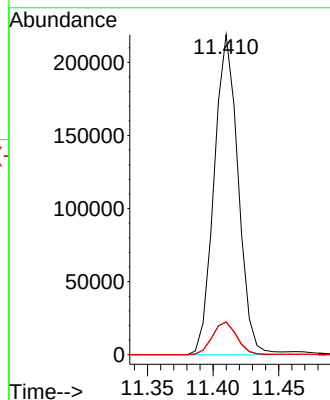
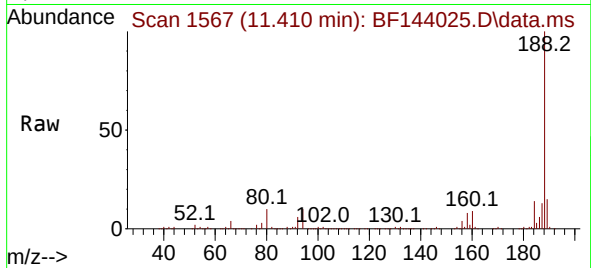




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144025.D
Acq: 21 Oct 2025 21:25

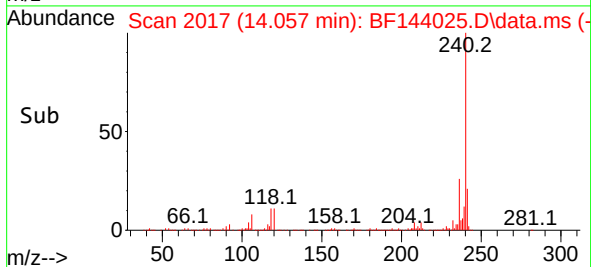
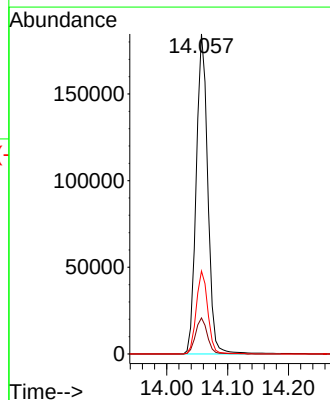
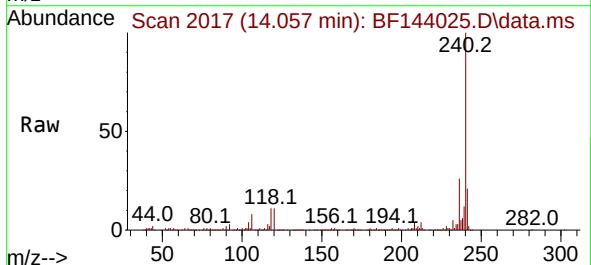
Instrument :
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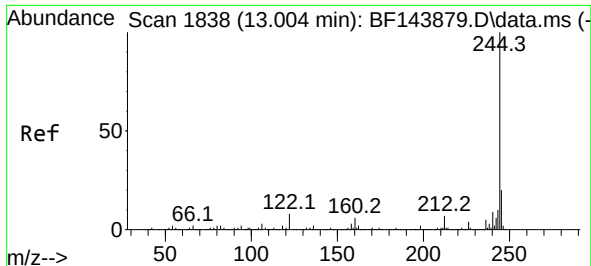
Tgt Ion:188 Resp: 278579
Ion Ratio Lower Upper
188 100
94 10.2 7.8 11.6
80 10.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF144025.D
Acq: 21 Oct 2025 21:25

Tgt Ion:240 Resp: 243631
Ion Ratio Lower Upper
240 100
120 11.3 8.6 13.0
236 25.9 21.1 31.7

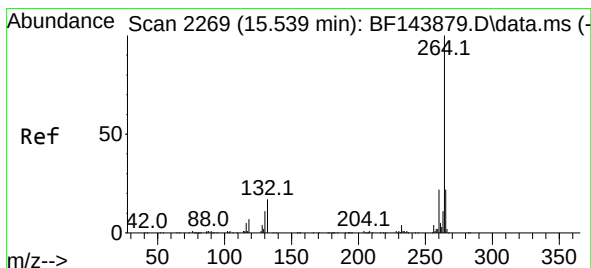
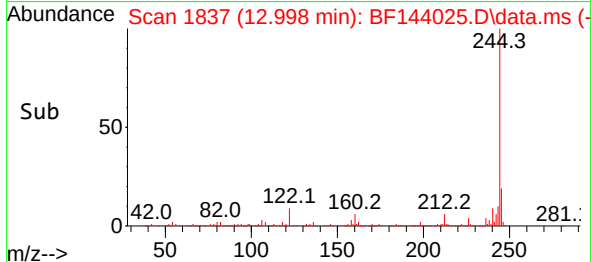
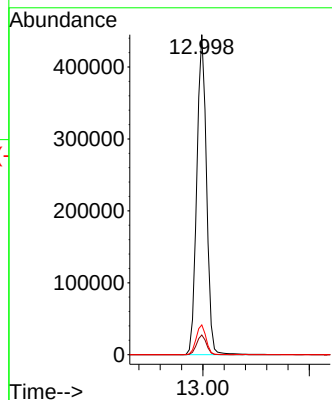
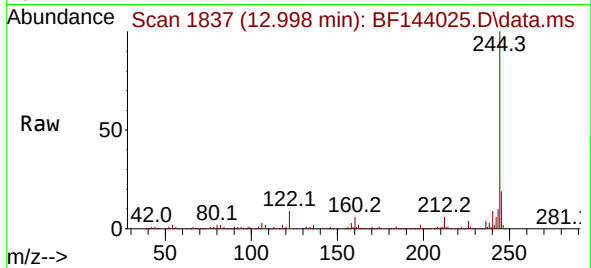




#79
 Terphenyl-d14
 Concen: 39.597 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.012 min
 Lab File: BF144025.D
 Acq: 21 Oct 2025 21:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-WC

Tgt Ion:244 Resp: 564465
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 9.3 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF144025.D
 Acq: 21 Oct 2025 21:25

Tgt Ion:264 Resp: 313079
 Ion Ratio Lower Upper
 264 100
 260 22.3 17.8 26.8
 265 22.3 17.5 26.3

