

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143890.D
 Acq On : 08 Oct 2025 12:20
 Operator : RC/JU
 Sample : PB169953BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169953BL

Quant Time: Oct 08 12:40:54 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	127094	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	497763	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	273707	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	502324	20.000	ng	0.00
76) Chrysene-d12	14.057	240	342677	20.000	ng	-0.01
86) Perylene-d12	15.539	264	291422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1031464	128.877	ng	0.00
7) Phenol-d6	6.504	99	1259794	132.057	ng	-0.01
23) Nitrobenzene-d5	7.440	82	777635	94.915	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	391672	143.671	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1502043	87.077	ng	-0.01
79) Terphenyl-d14	13.004	244	1806141	90.080	ng	0.00

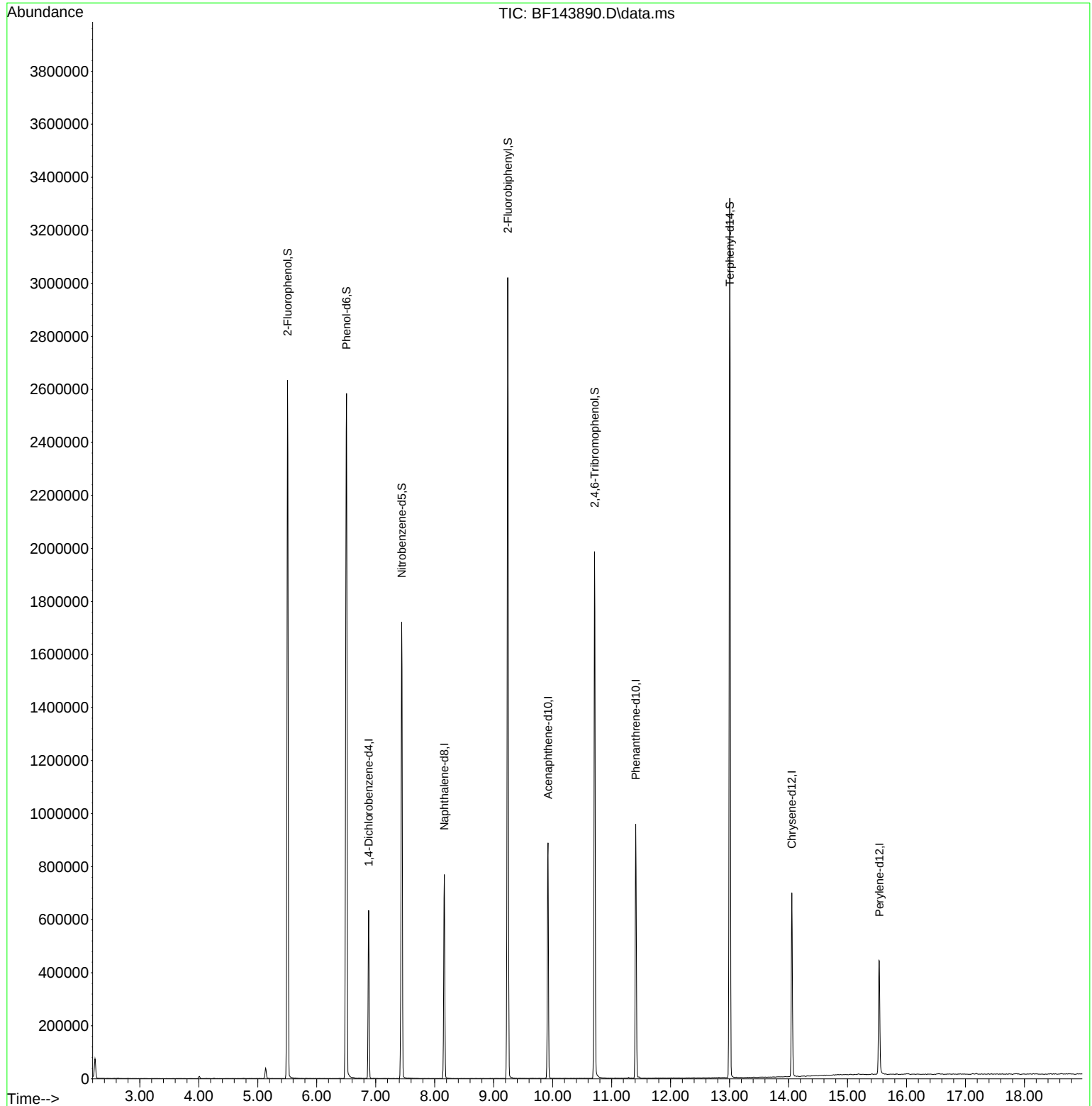
Target Compounds	Qvalue

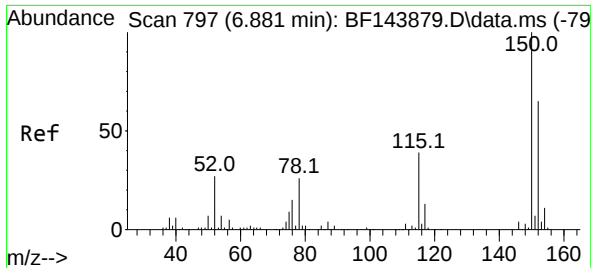
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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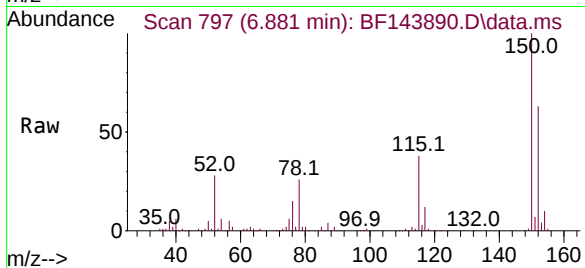
Quant Time: Oct 08 12:40:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
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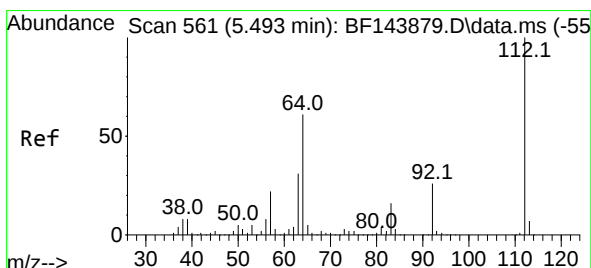
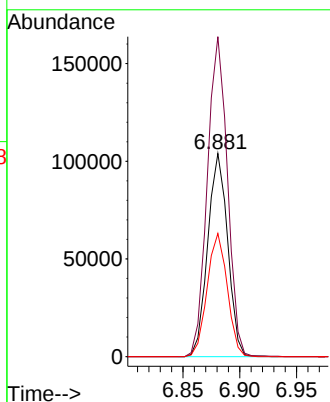
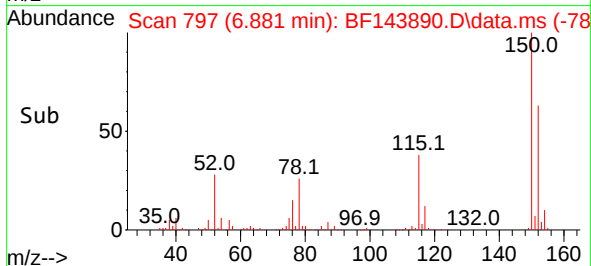


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143890.D
Acq: 08 Oct 2025 12:20

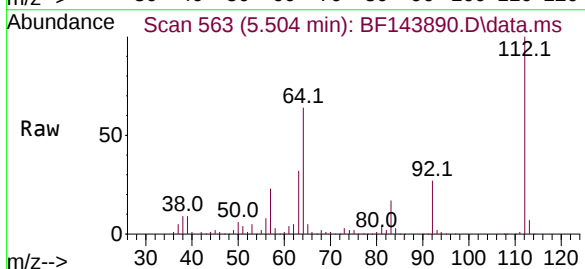
Instrument :
BNA_F
ClientSampleId :
PB169953BL



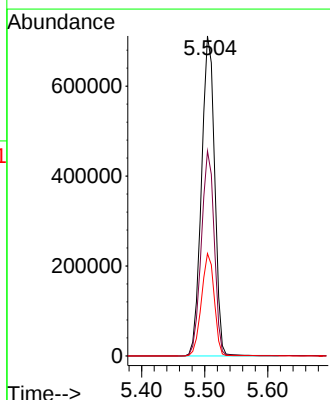
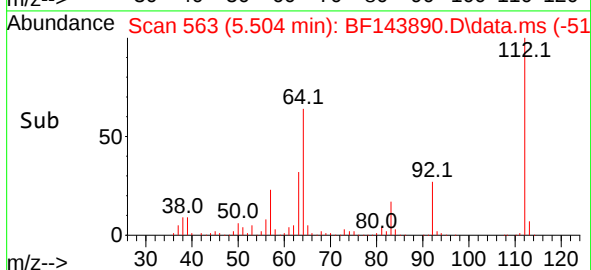
Tgt Ion:152 Resp: 127094
Ion Ratio Lower Upper
152 100
150 157.6 124.4 186.6
115 60.6 48.1 72.1



#5
2-Fluorophenol
Concen: 128.877 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143890.D
Acq: 08 Oct 2025 12:20



Tgt Ion:112 Resp: 1031464
Ion Ratio Lower Upper
112 100
64 64.0 49.1 73.7
63 32.0 24.5 36.7



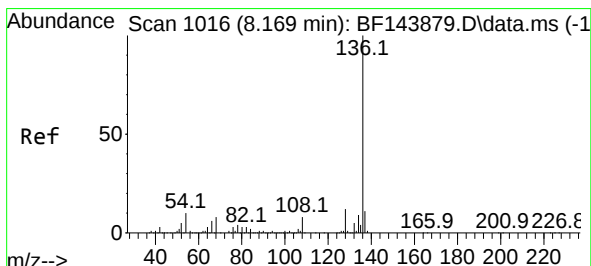
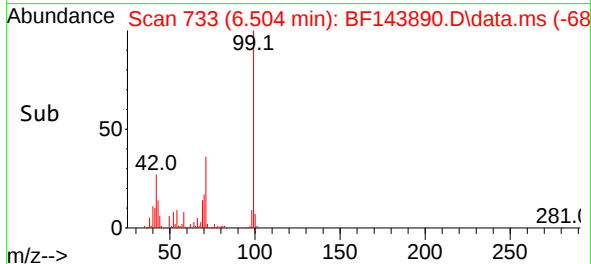
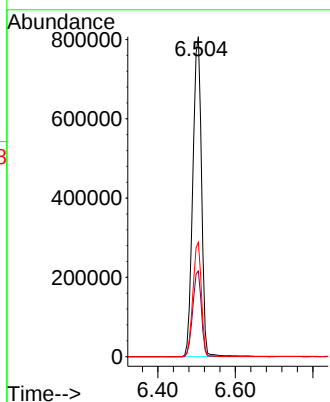
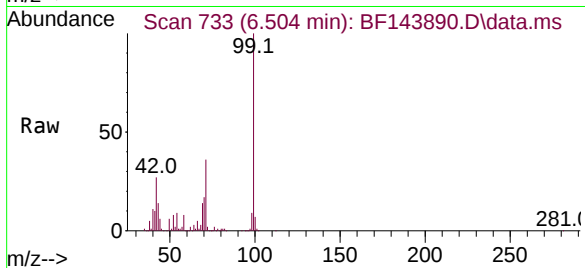


#7
Phenol-d6
Concen: 132.057 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143890.D
Acq: 08 Oct 2025 12:20

Instrument :
BNA_F
ClientSampleId :
PB169953BL

Tgt Ion: 99 Resp: 1259794

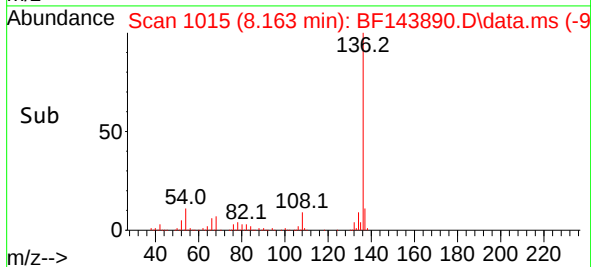
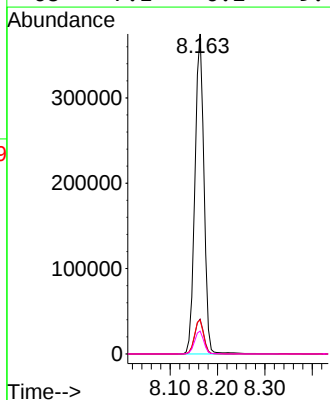
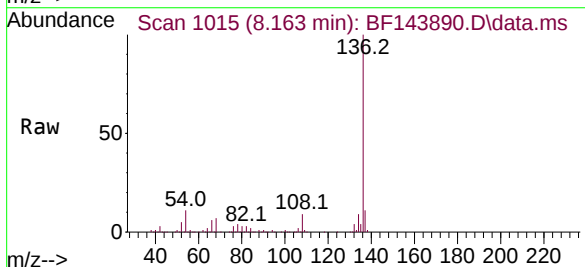
Ion	Ratio	Lower	Upper
99	100		
42	26.7	21.0	31.4
71	35.7	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143890.D
Acq: 08 Oct 2025 12:20

Tgt Ion: 136 Resp: 497763

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.6	8.2	12.4
68	7.1	6.2	9.4

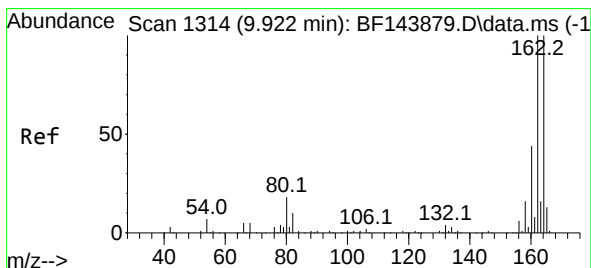
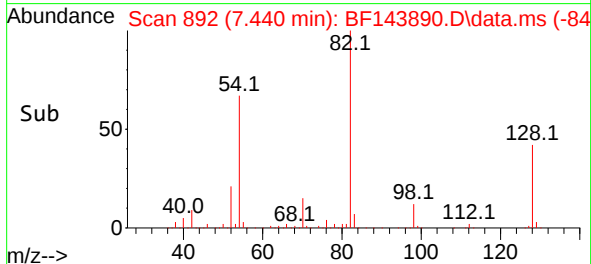
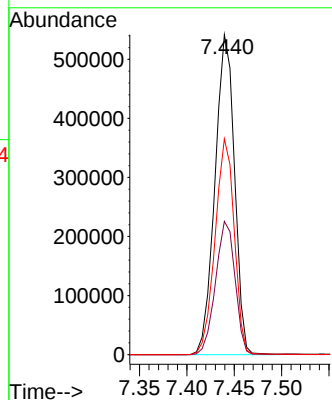
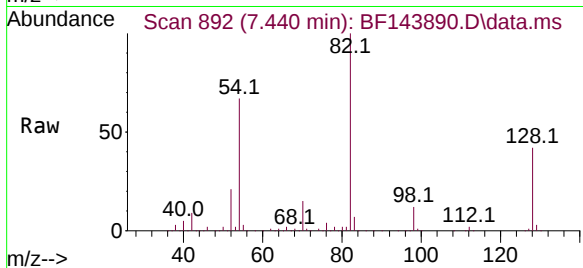




#23
Nitrobenzene-d5
Concen: 94.915 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF143890.D
Acq: 08 Oct 2025 12:20

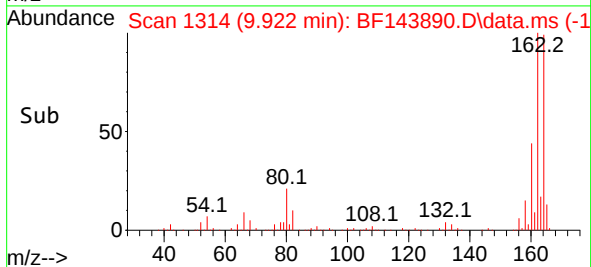
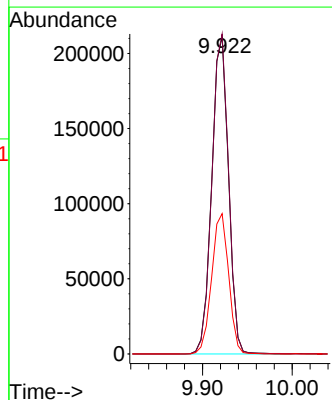
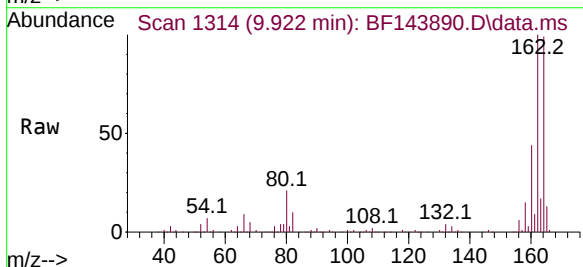
Instrument :
BNA_F
ClientSampleId :
PB169953BL

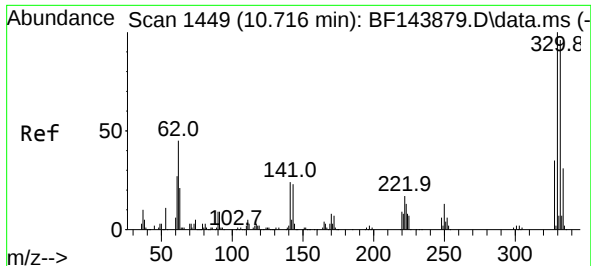
Tgt Ion: 82 Resp: 777635
Ion Ratio Lower Upper
82 100
128 41.6 34.0 51.0
54 67.4 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143890.D
Acq: 08 Oct 2025 12:20

Tgt Ion:164 Resp: 273707
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 143.671 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF143890.D

Acq: 08 Oct 2025 12:20

Instrument :

BNA_F

ClientSampleId :

PB169953BL

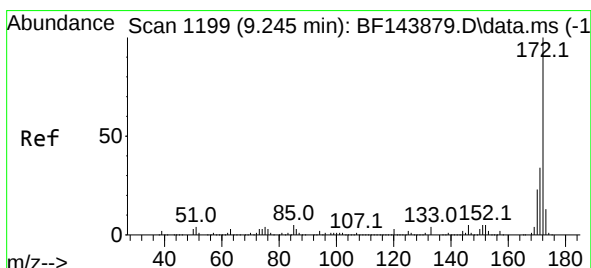
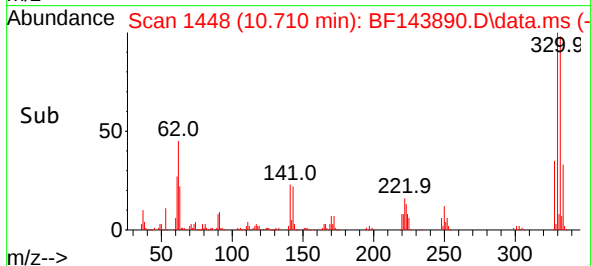
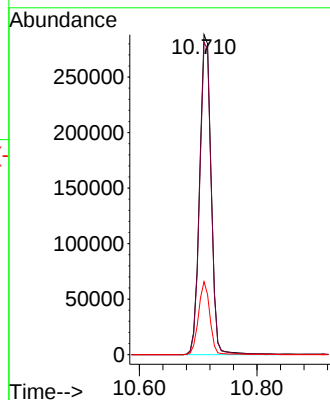
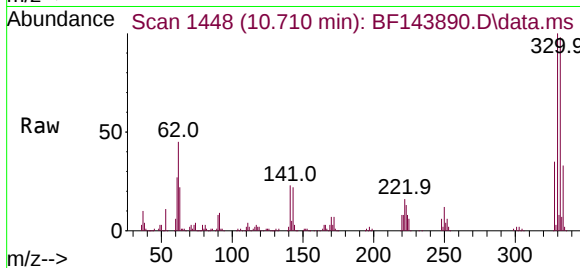
Tgt Ion:330 Resp: 391672

Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

141 22.4 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 87.077 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF143890.D

Acq: 08 Oct 2025 12:20

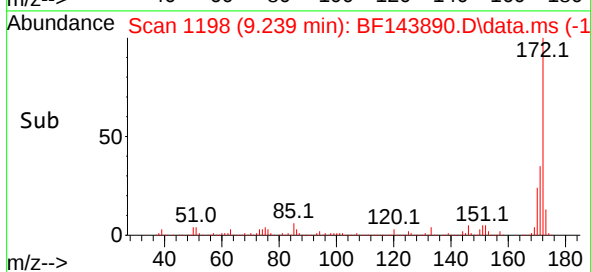
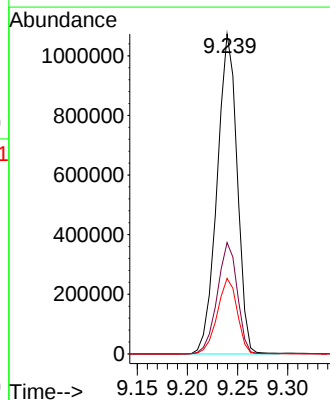
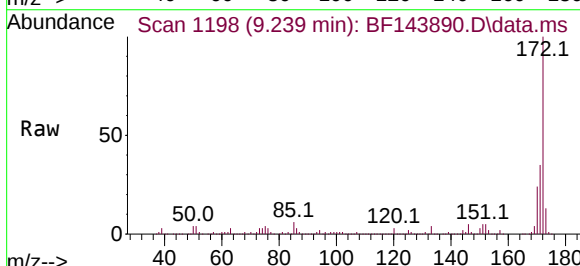
Tgt Ion:172 Resp: 1502043

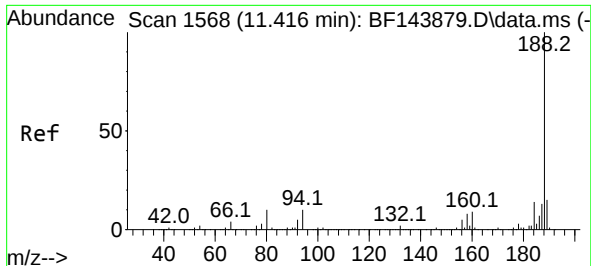
Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.0

170 23.6 18.6 28.0

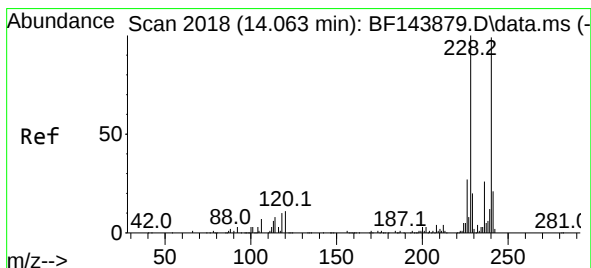
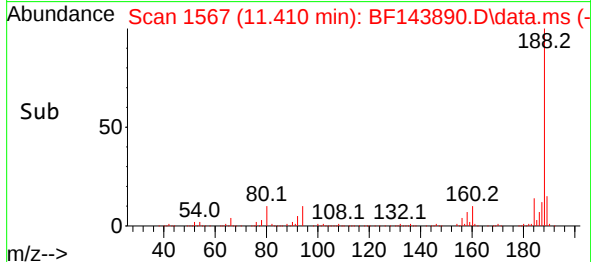
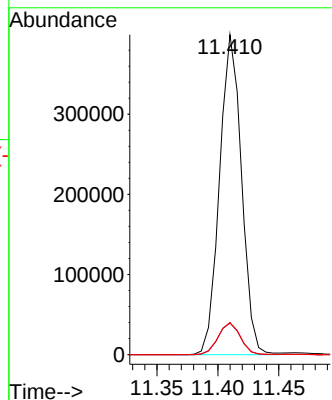
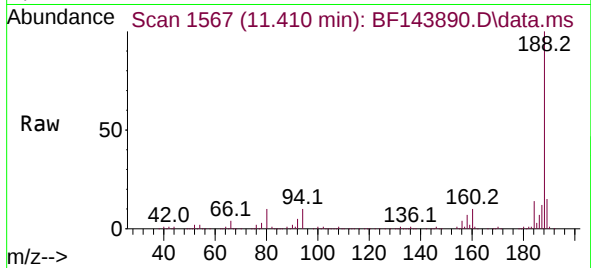




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143890.D
Acq: 08 Oct 2025 12:20

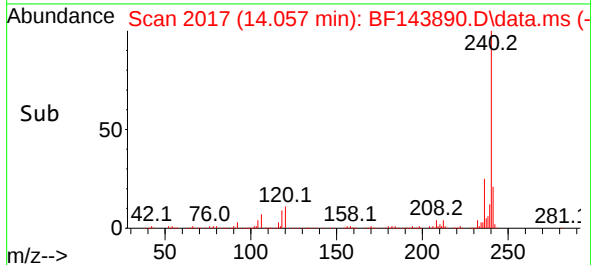
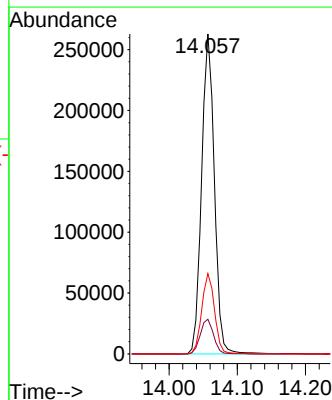
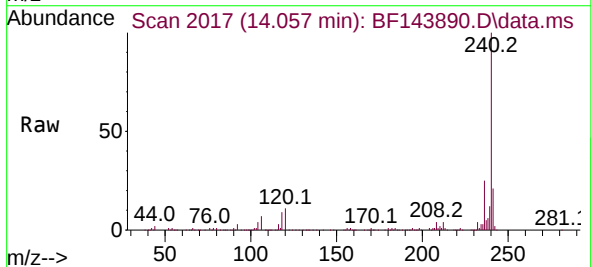
Instrument :
BNA_F
ClientSampleId :
PB169953BL

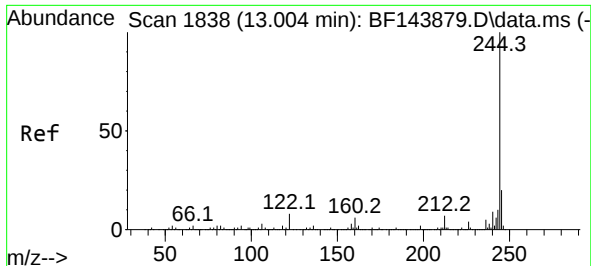
Tgt Ion:188 Resp: 502324
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF143890.D
Acq: 08 Oct 2025 12:20

Tgt Ion:240 Resp: 342677
Ion Ratio Lower Upper
240 100
120 10.9 8.6 13.0
236 25.1 21.1 31.7

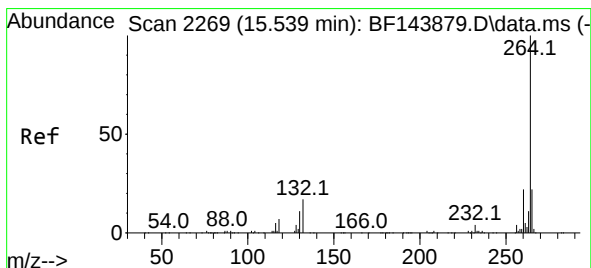
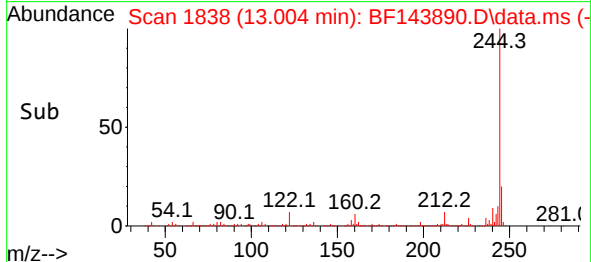
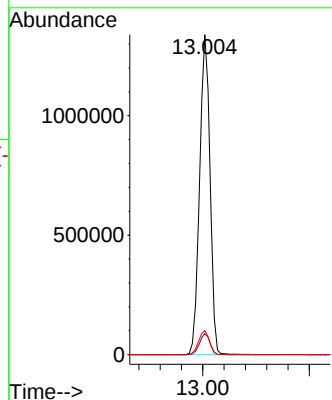
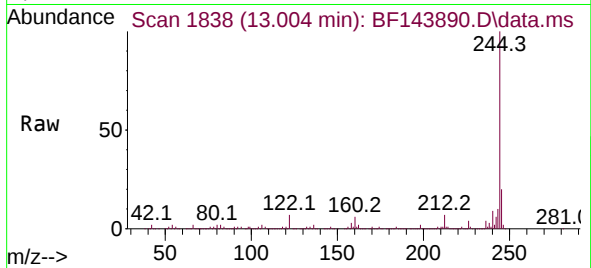




#79
 Terphenyl-d14
 Concen: 90.080 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143890.D
 Acq: 08 Oct 2025 12:20

Instrument :
 BNA_F
 ClientSampleId :
 PB169953BL

Tgt Ion:244 Resp: 1806141
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 7.5 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF143890.D
 Acq: 08 Oct 2025 12:20

Tgt Ion:264 Resp: 291422
 Ion Ratio Lower Upper
 264 100
 260 20.8 17.8 26.8
 265 20.9 17.5 26.3

