

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143933.D
Acq On : 13 Oct 2025 15:35
Operator : RC/JU
Sample : Q3326-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Time: Oct 13 16:22:52 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	111120	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	421885	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	230755	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	393737	20.000	ng	0.00
76) Chrysene-d12	14.057	240	237816	20.000	ng	-0.01
86) Perylene-d12	15.545	264	255531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	563008	80.458	ng	0.00
7) Phenol-d6	6.504	99	666972	79.965	ng	-0.01
23) Nitrobenzene-d5	7.439	82	396570	57.109	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	177213	77.104	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	747269	51.384	ng	-0.01
79) Terphenyl-d14	13.004	244	691303	49.681	ng	0.00

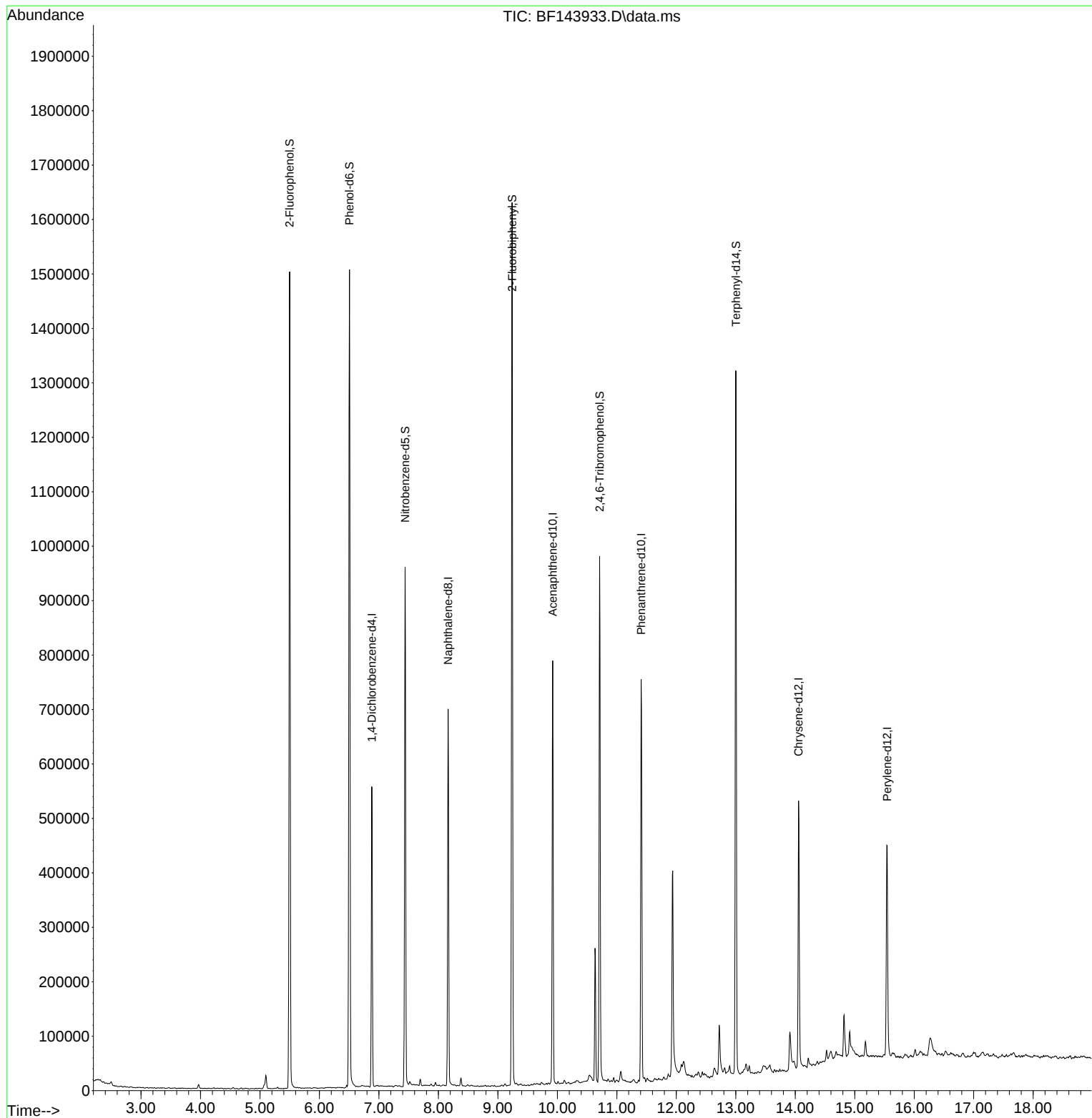
Target Compounds	Qvalue

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

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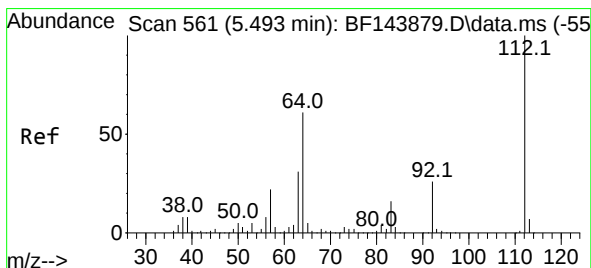
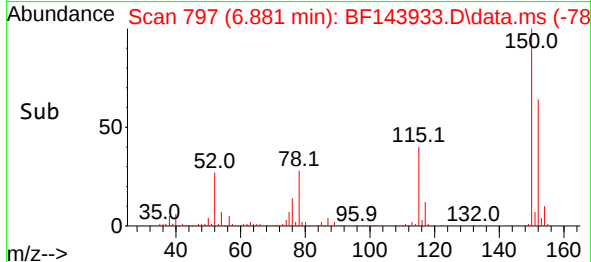
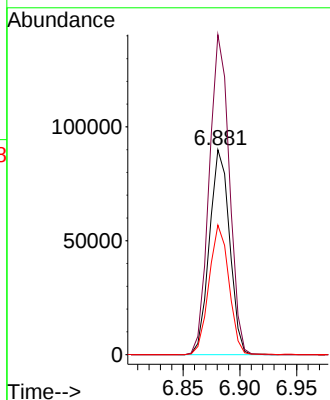
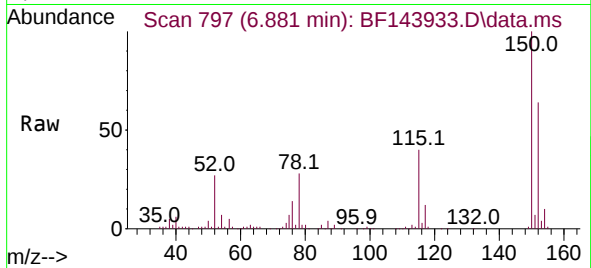




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143933.D
 Acq: 13 Oct 2025 15:35

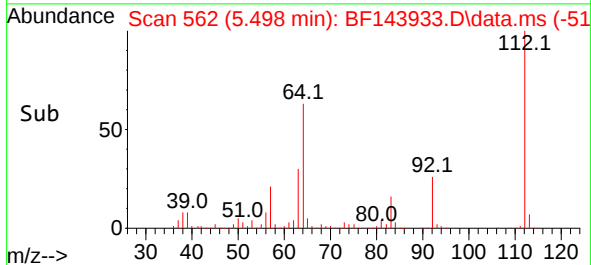
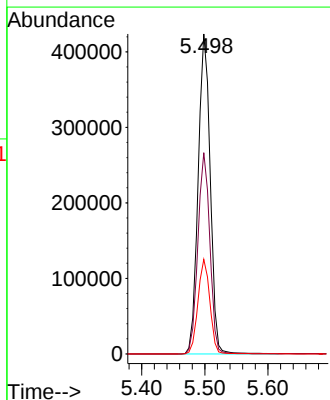
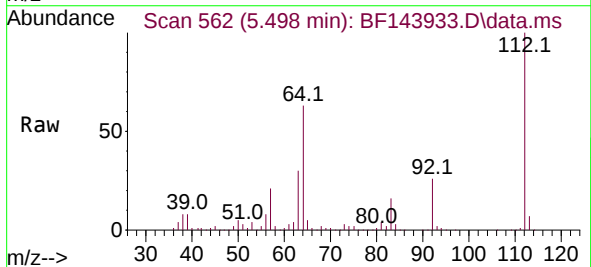
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

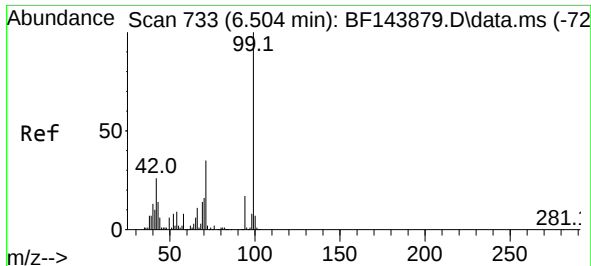
Tgt Ion:152 Resp: 111120
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.4 186.6
 115 63.3 48.1 72.1



#5
 2-Fluorophenol
 Concen: 80.458 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: BF143933.D
 Acq: 13 Oct 2025 15:35

Tgt Ion:112 Resp: 563008
 Ion Ratio Lower Upper
 112 100
 64 62.9 49.1 73.7
 63 29.5 24.5 36.7





#7
Phenol-d6
Concen: 79.965 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143933.D
Acq: 13 Oct 2025 15:35

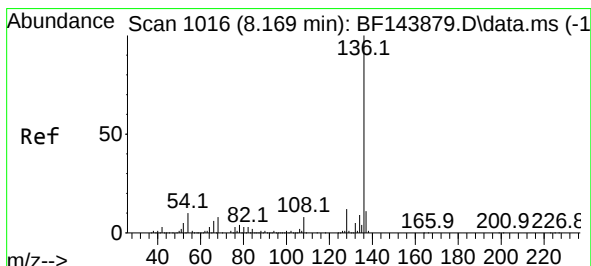
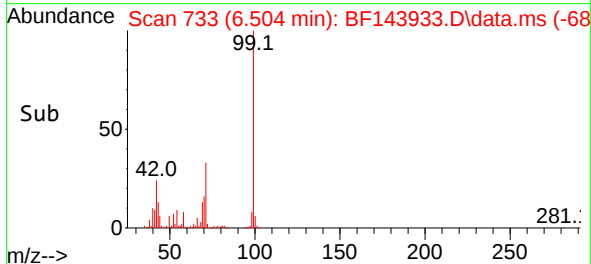
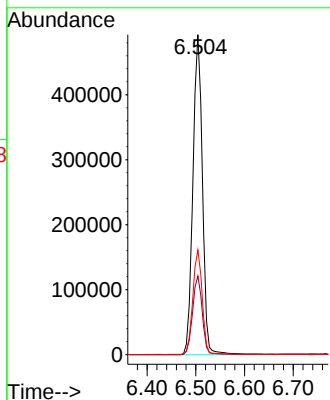
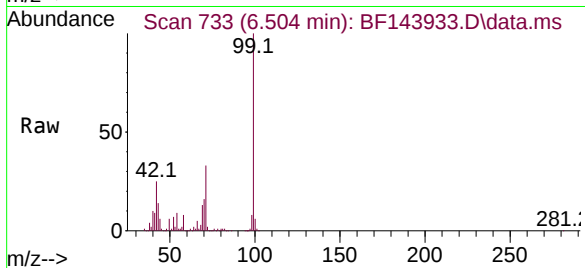
Instrument :

BNA_F

ClientSampleId :

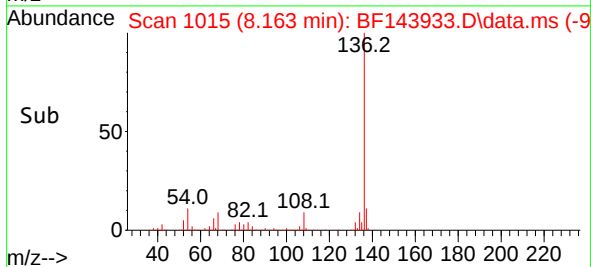
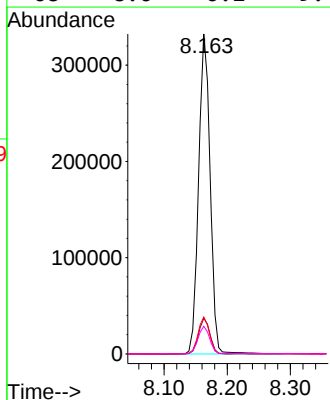
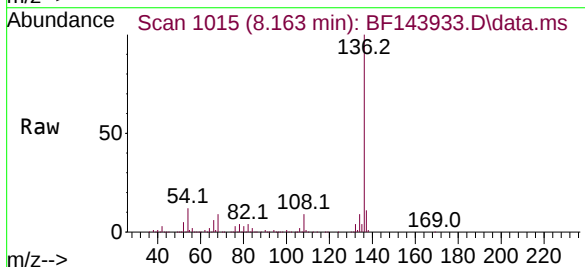
TP-1

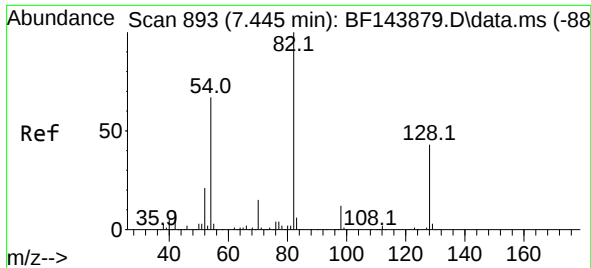
Tgt Ion: 99 Resp: 666972
Ion Ratio Lower Upper
99 100
42 24.6 21.0 31.4
71 32.7 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143933.D
Acq: 13 Oct 2025 15:35

Tgt Ion: 136 Resp: 421885
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 11.5 8.2 12.4
68 8.6 6.2 9.4

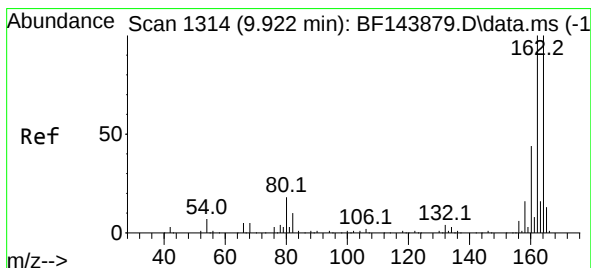
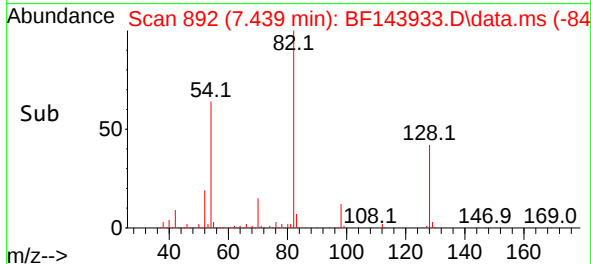
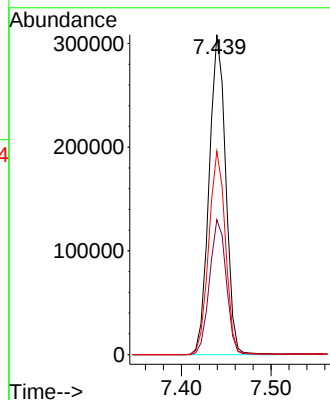
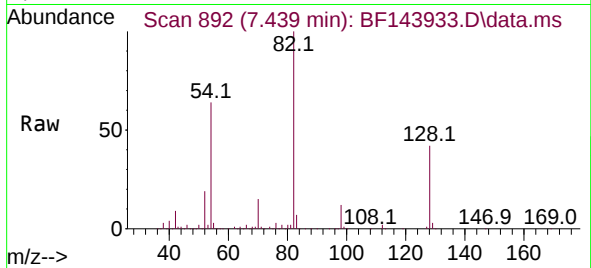




#23
Nitrobenzene-d5
Concen: 57.109 ng
RT: 7.439 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF143933.D
Acq: 13 Oct 2025 15:35

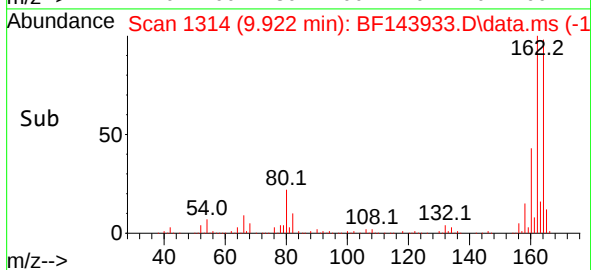
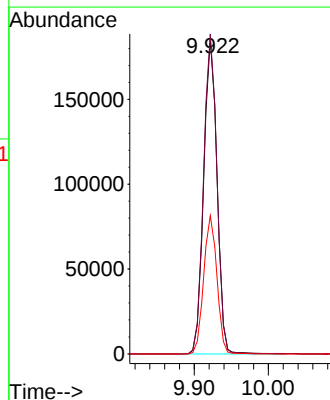
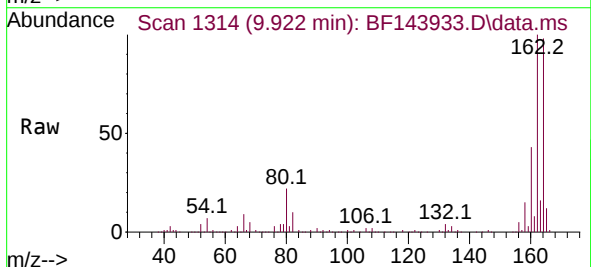
Instrument :
BNA_F
ClientSampleId :
TP-1

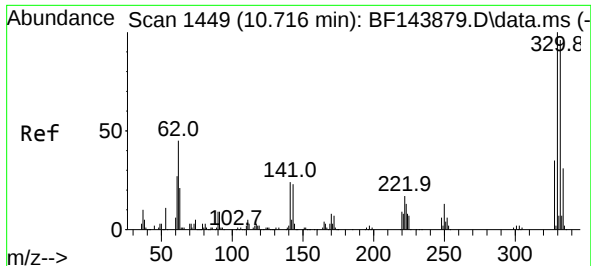
Tgt Ion: 82 Resp: 396570
Ion Ratio Lower Upper
82 100
128 42.2 34.0 51.0
54 63.6 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143933.D
Acq: 13 Oct 2025 15:35

Tgt Ion:164 Resp: 230755
Ion Ratio Lower Upper
164 100
162 101.7 80.2 120.2
160 43.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 77.104 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.012 min

Lab File: BF143933.D

Acq: 13 Oct 2025 15:35

Instrument :

BNA_F

ClientSampleId :

TP-1

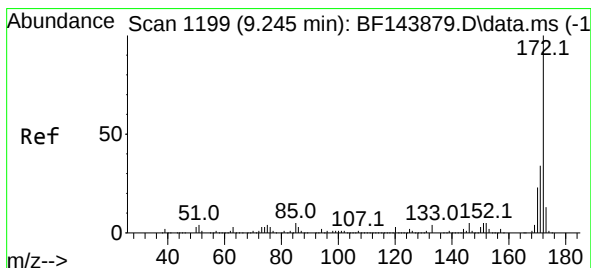
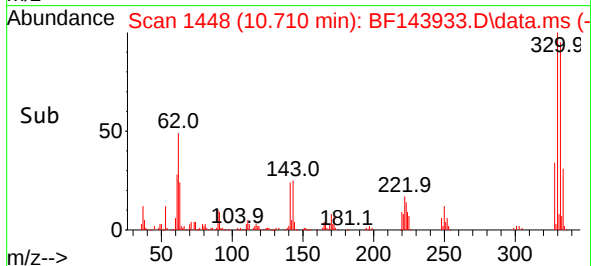
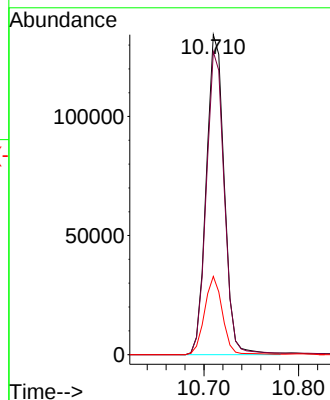
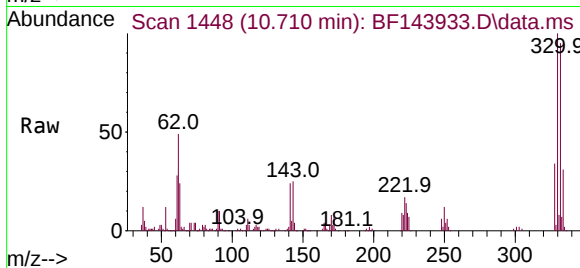
Tgt Ion:330 Resp: 177213

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

141 24.3 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 51.384 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF143933.D

Acq: 13 Oct 2025 15:35

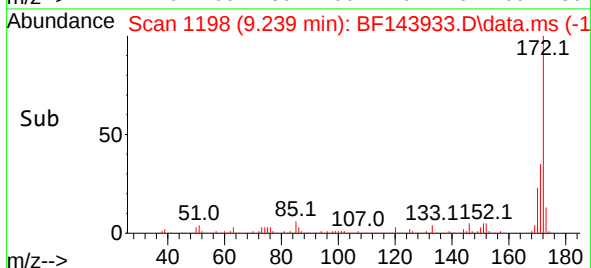
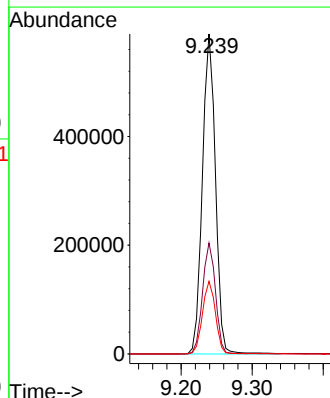
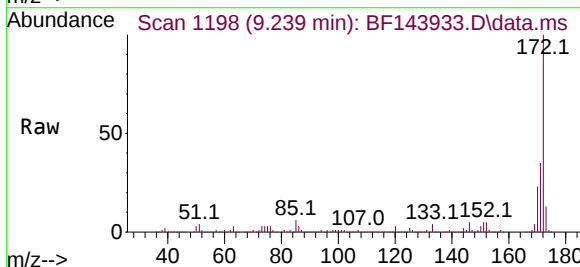
Tgt Ion:172 Resp: 747269

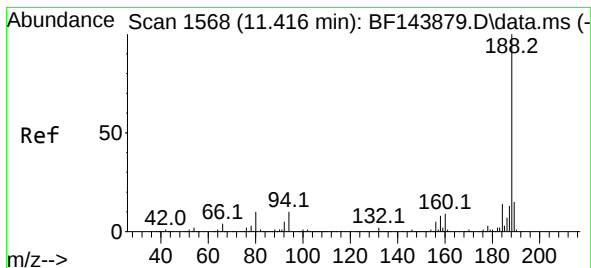
Ion Ratio Lower Upper

172 100

171 34.7 27.4 41.0

170 22.7 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: BF143933.D

Acq: 13 Oct 2025 15:35

Instrument :

BNA_F

ClientSampleId :

TP-1

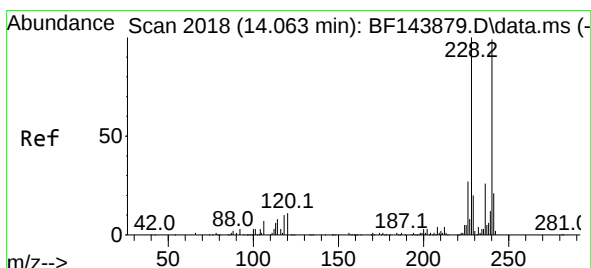
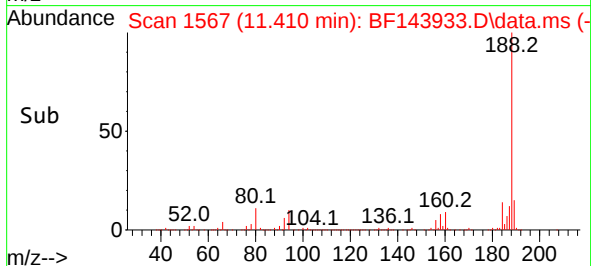
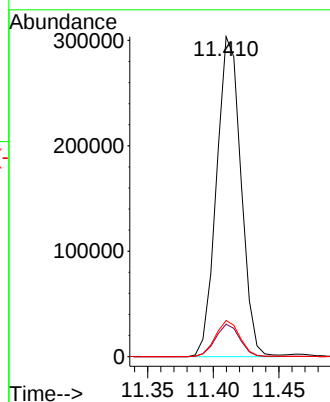
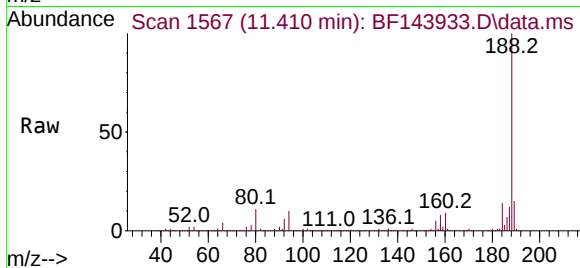
Tgt Ion:188 Resp: 393737

Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.6

80 11.3 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: BF143933.D

Acq: 13 Oct 2025 15:35

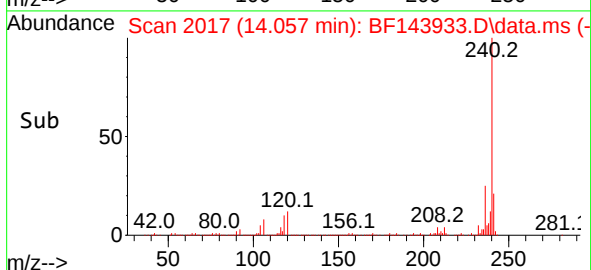
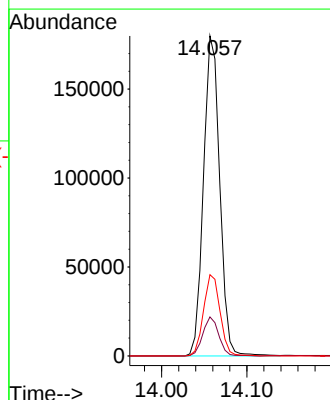
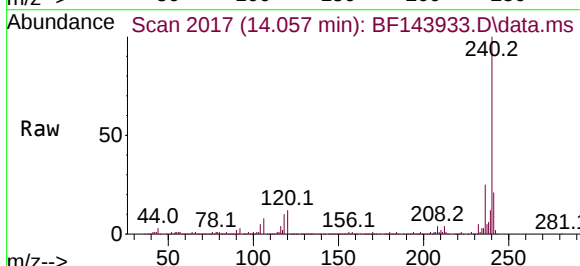
Tgt Ion:240 Resp: 237816

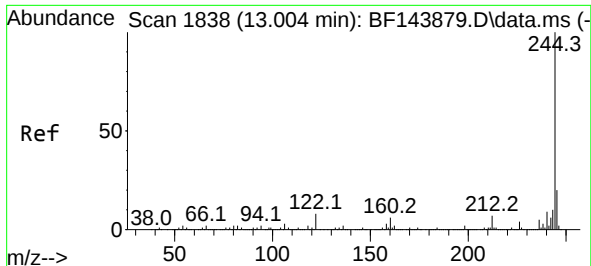
Ion Ratio Lower Upper

240 100

120 12.2 8.6 13.0

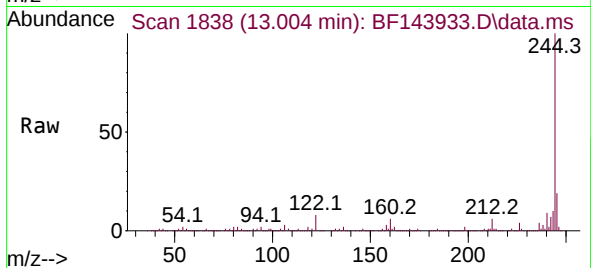
236 25.4 21.1 31.7



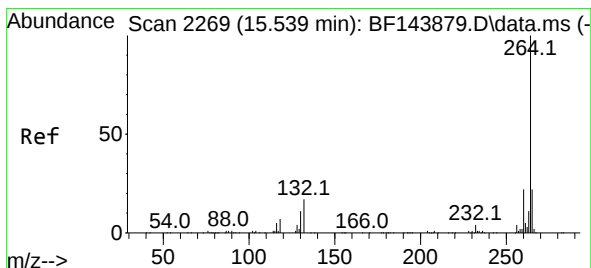
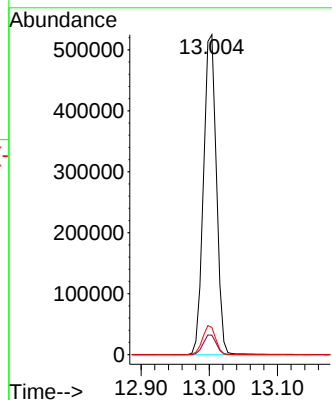
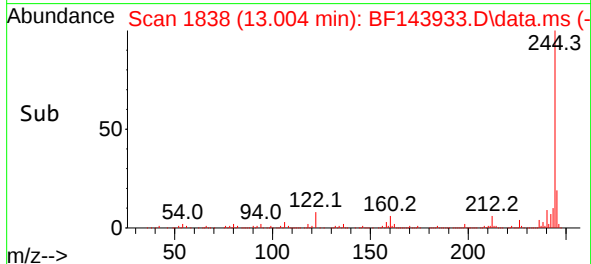


#79
 Terphenyl-d14
 Concen: 49.681 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143933.D
 Acq: 13 Oct 2025 15:35

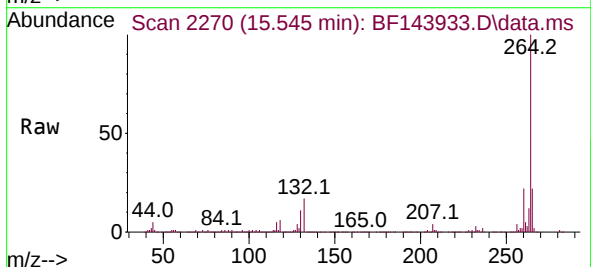
Instrument :
 BNA_F
 ClientSampleId :
 TP-1



Tgt Ion:244 Resp: 691303
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 8.5 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: BF143933.D
 Acq: 13 Oct 2025 15:35



Tgt Ion:264 Resp: 255531
 Ion Ratio Lower Upper
 264 100
 260 21.5 17.8 26.8
 265 22.2 17.5 26.3

