

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143850.D
 Acq On : 30 Sep 2025 23:30
 Operator : RC/JU
 Sample : Q3245-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12-1

Quant Time: Oct 01 02:41:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	114185	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	412829	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	193650	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	292209	20.000	ng	0.00
76) Chrysene-d12	14.051	240	439372	20.000	ng	-0.01
86) Perylene-d12	15.533	264	649326	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	595170	84.685	ng	0.00
7) Phenol-d6	6.498	99	693639	85.418	ng	-0.01
23) Nitrobenzene-d5	7.439	82	411734	61.049	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	277006	96.609	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	755529	60.883	ng	0.00
79) Terphenyl-d14	12.998	244	1031450	47.743	ng	0.00

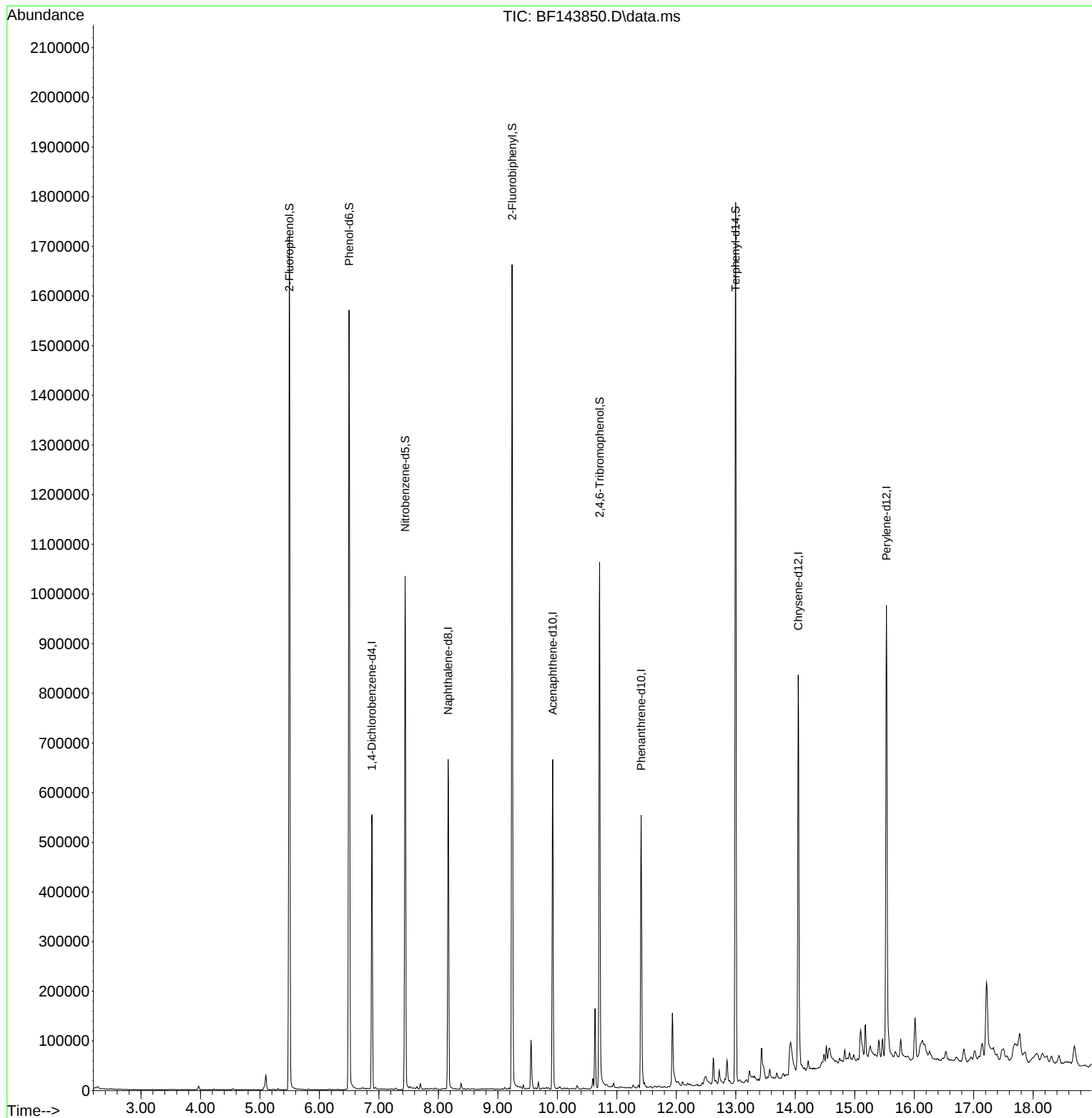
Target Compounds	Qvalue

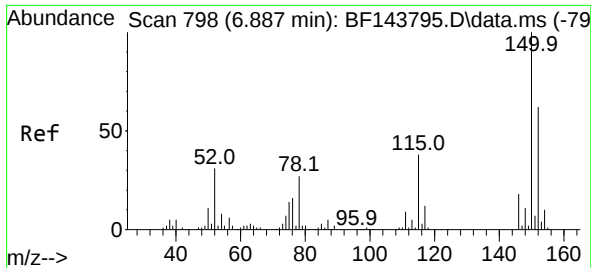
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
Data File : BF143850.D
Acq On : 30 Sep 2025 23:30
Operator : RC/JU
Sample : Q3245-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
12-1

Quant Time: Oct 01 02:41:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

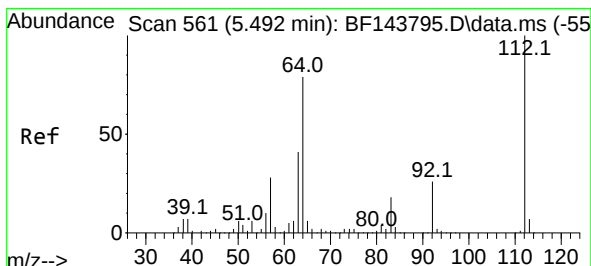
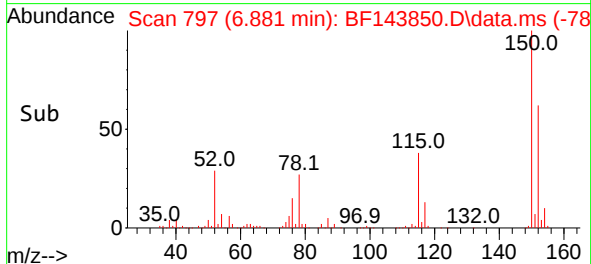
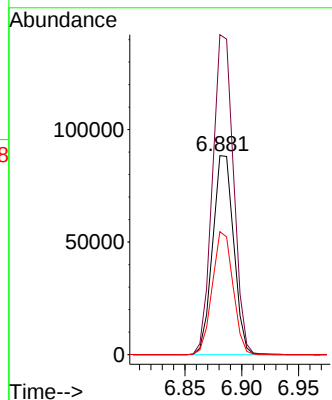
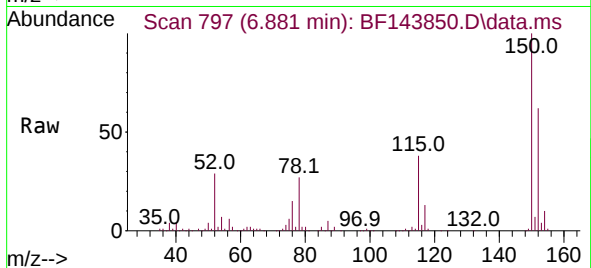




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF143850.D
Acq: 30 Sep 2025 23:30

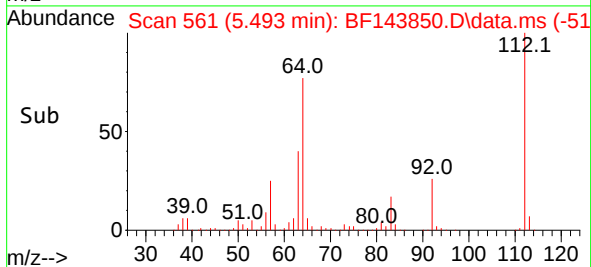
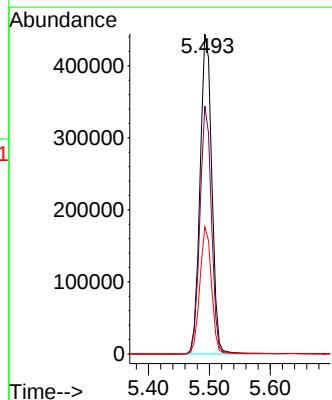
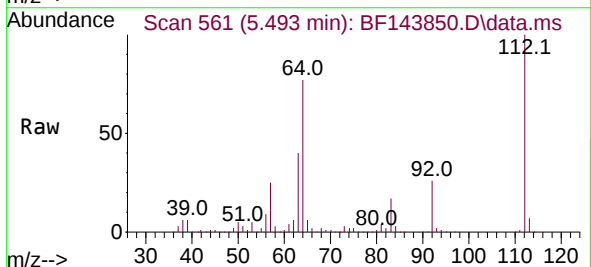
Instrument :
BNA_F
ClientSampleId :
12-1

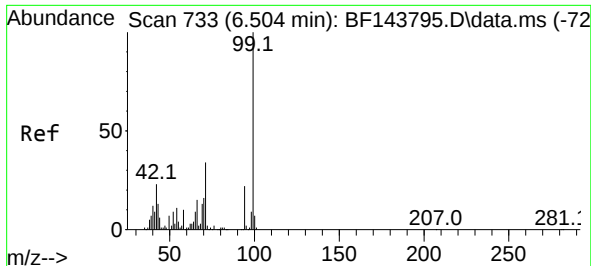
Tgt Ion:152 Resp: 114185
Ion Ratio Lower Upper
152 100
150 160.8 129.6 194.4
115 61.8 49.0 73.4



#5
2-Fluorophenol
Concen: 84.685 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.005 min
Lab File: BF143850.D
Acq: 30 Sep 2025 23:30

Tgt Ion:112 Resp: 595170
Ion Ratio Lower Upper
112 100
64 77.4 63.0 94.4
63 39.7 32.6 49.0

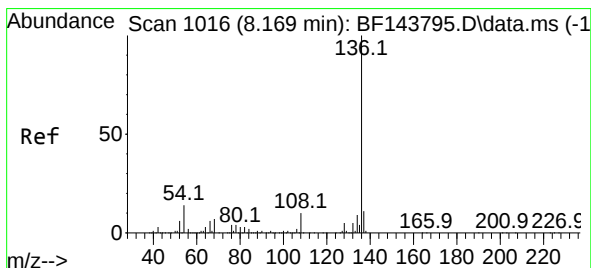
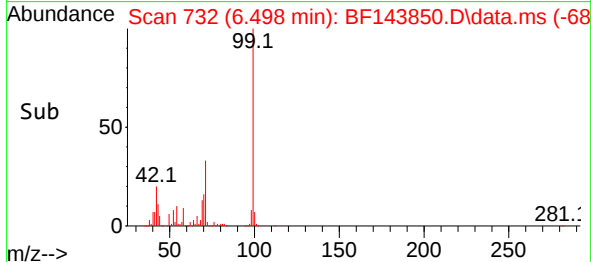
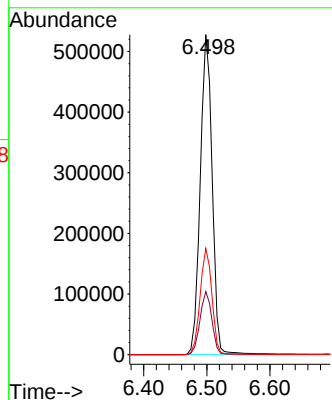
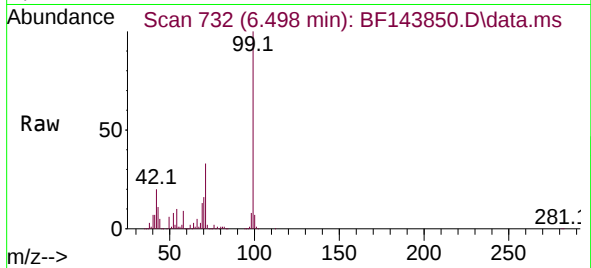




#7
Phenol-d6
Concen: 85.418 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF143850.D
Acq: 30 Sep 2025 23:30

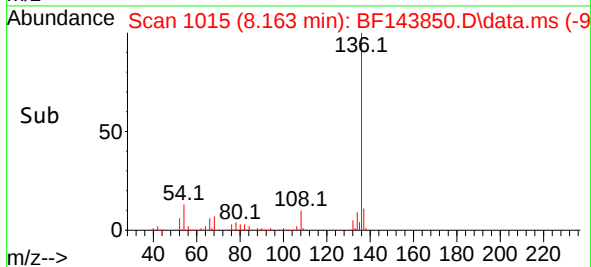
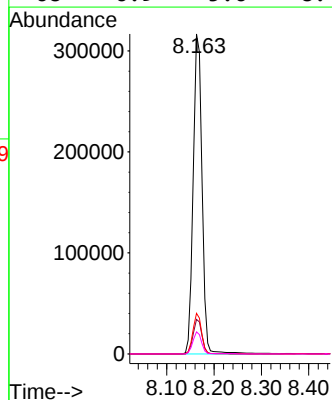
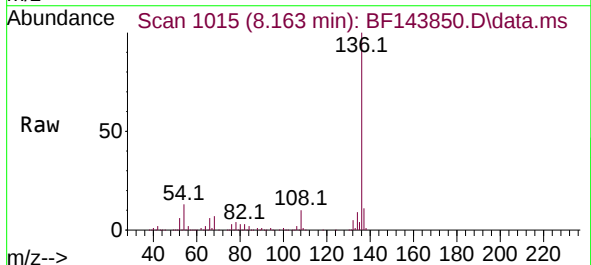
Instrument :
BNA_F
ClientSampleId :
12-1

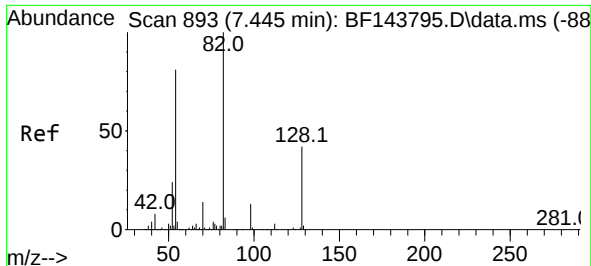
Tgt Ion: 99 Resp: 693639
Ion Ratio Lower Upper
99 100
42 19.7 18.6 28.0
71 33.2 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143850.D
Acq: 30 Sep 2025 23:30

Tgt Ion: 136 Resp: 412829
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 12.7 11.2 16.8
68 6.9 5.6 8.4





#23

Nitrobenzene-d5

Concen: 61.049 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF143850.D

Acq: 30 Sep 2025 23:30

Instrument :

BNA_F

ClientSampleId :

12-1

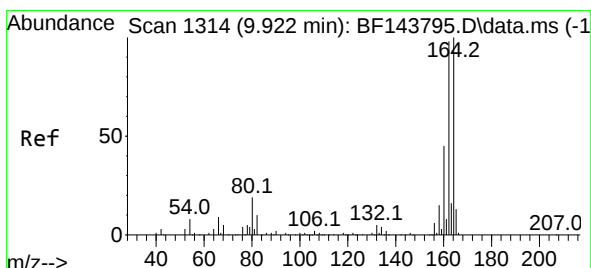
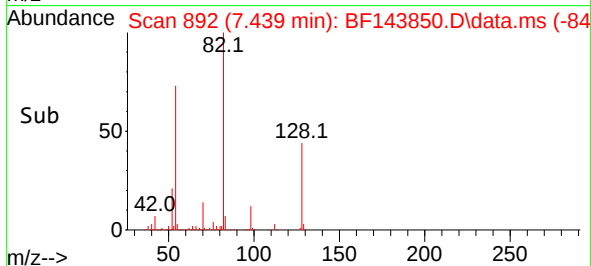
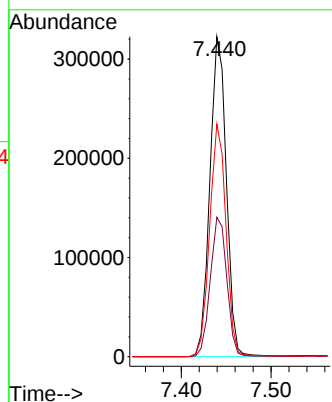
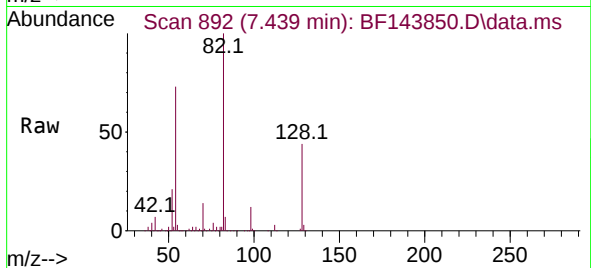
Tgt Ion: 82 Resp: 411734

Ion Ratio Lower Upper

82 100

128 43.5 33.3 49.9

54 72.6 64.2 96.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143850.D

Acq: 30 Sep 2025 23:30

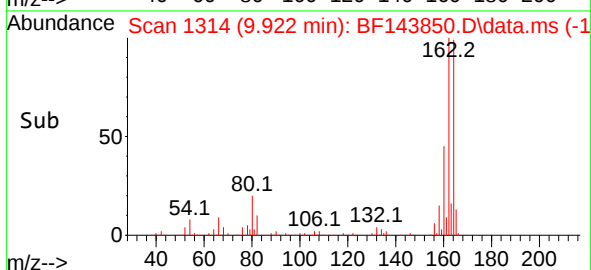
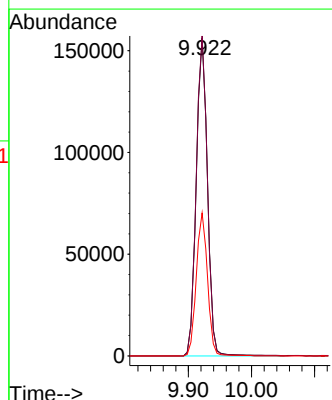
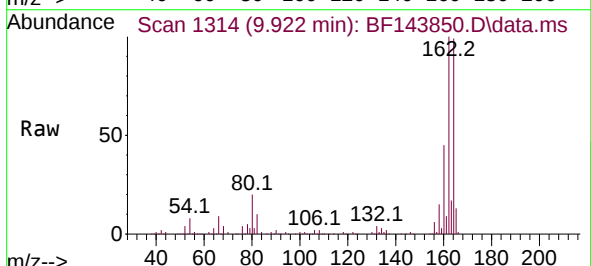
Tgt Ion:164 Resp: 193650

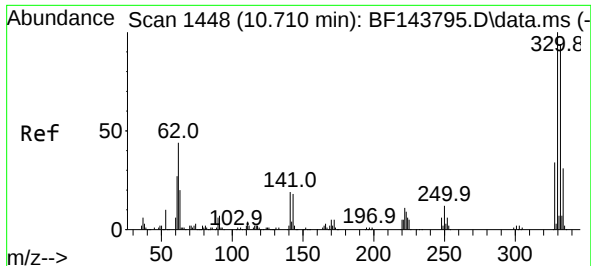
Ion Ratio Lower Upper

164 100

162 100.7 78.8 118.2

160 45.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 96.609 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143850.D

Acq: 30 Sep 2025 23:30

Instrument :

BNA_F

ClientSampleId :

12-1

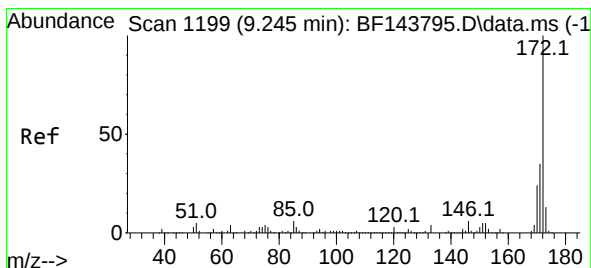
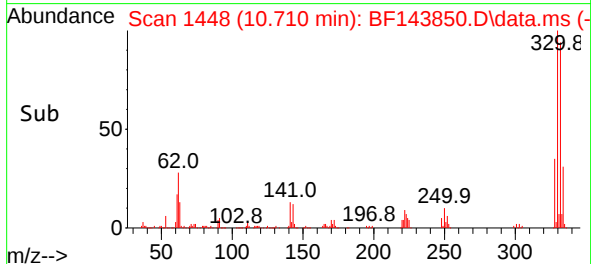
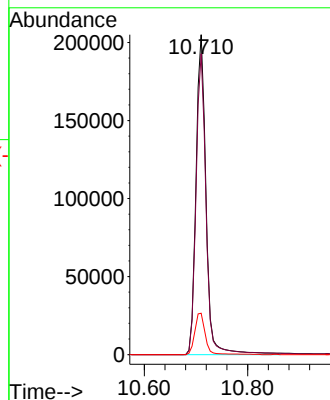
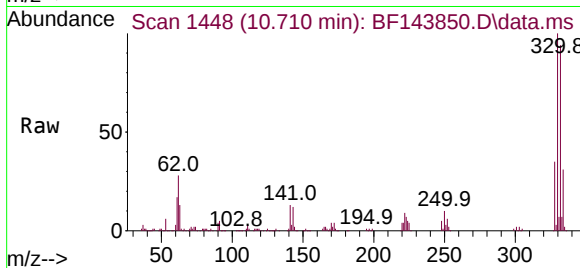
Tgt Ion:330 Resp: 277006

Ion Ratio Lower Upper

330 100

332 94.8 74.7 112.1

141 13.6 14.3 21.5#



#45

2-Fluorobiphenyl

Concen: 60.883 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF143850.D

Acq: 30 Sep 2025 23:30

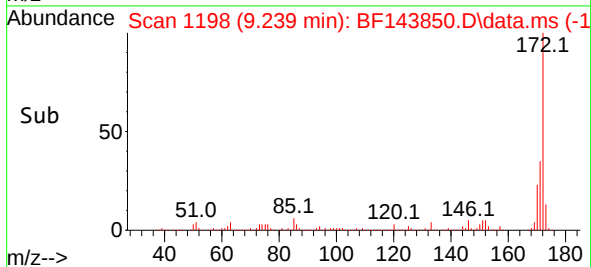
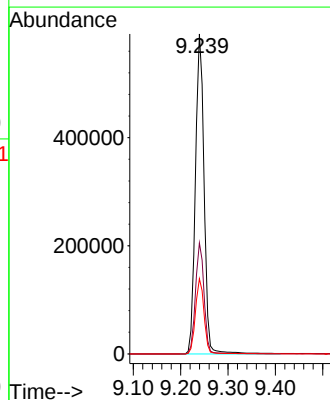
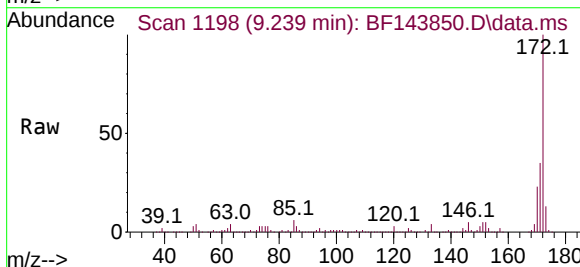
Tgt Ion:172 Resp: 755529

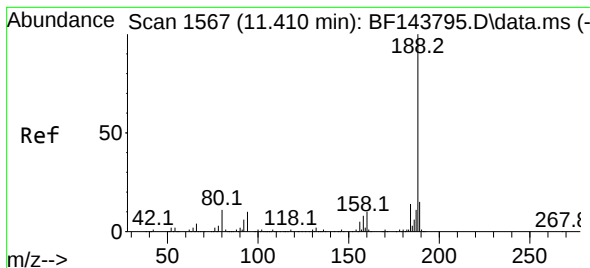
Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.5 19.1 28.7

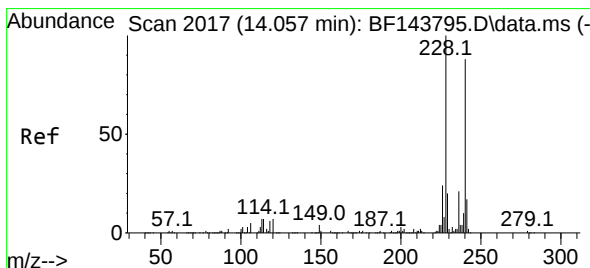
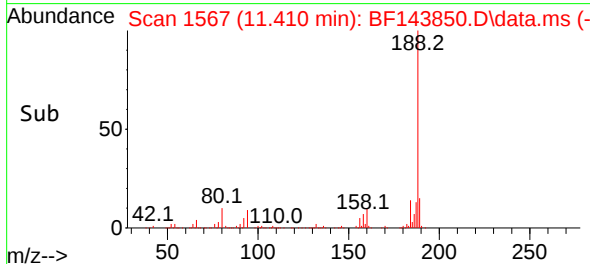
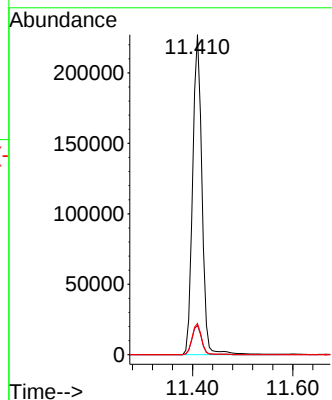
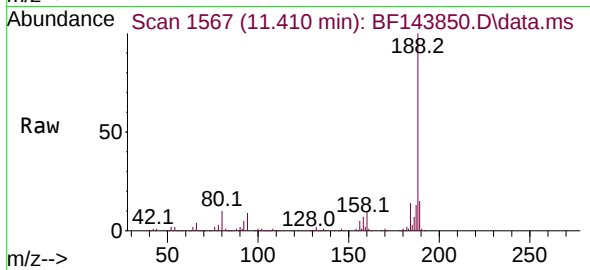




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143850.D
Acq: 30 Sep 2025 23:30

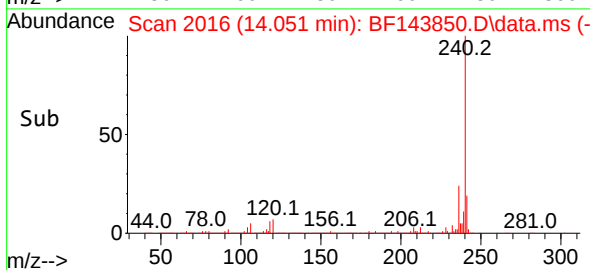
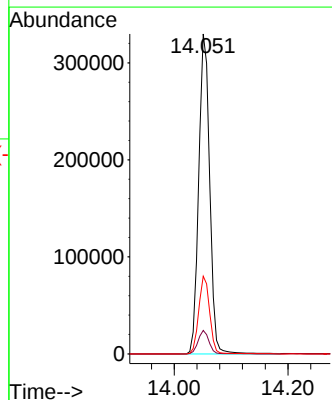
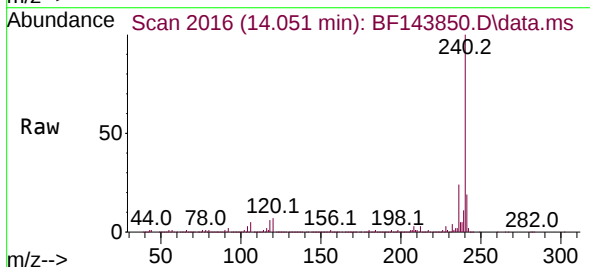
Instrument :
BNA_F
ClientSampleId :
12-1

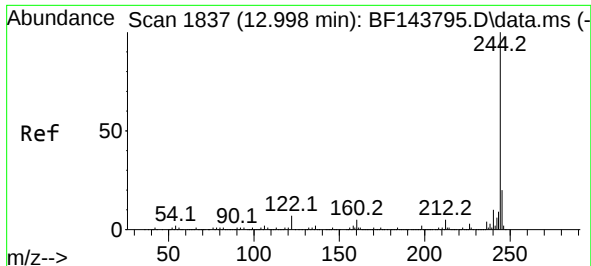
Tgt Ion:188 Resp: 292209
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 9.7 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143850.D
Acq: 30 Sep 2025 23:30

Tgt Ion:240 Resp: 439372
Ion Ratio Lower Upper
240 100
120 7.3 6.2 9.4
236 24.3 19.4 29.2

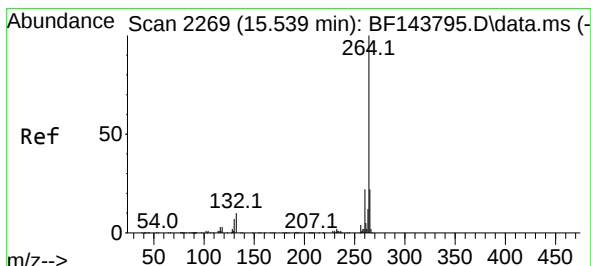
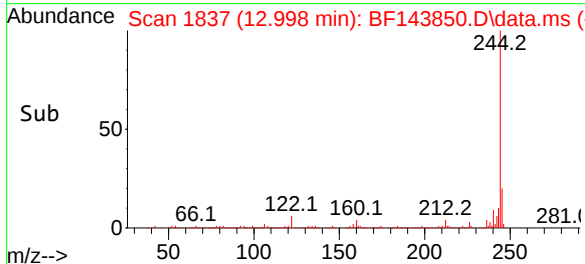
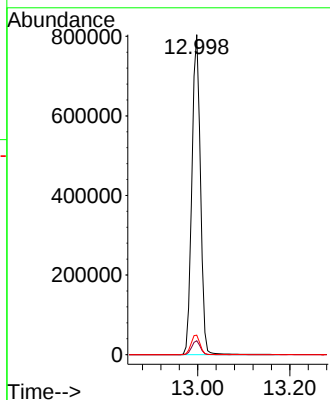
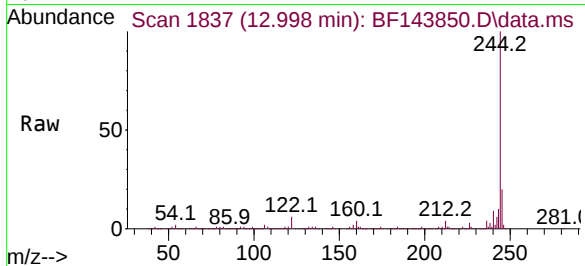




#79
 Terphenyl-d14
 Concen: 47.743 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF143850.D
 Acq: 30 Sep 2025 23:30

Instrument :
 BNA_F
 ClientSampleId :
 12-1

Tgt Ion:244 Resp: 1031450
 Ion Ratio Lower Upper
 244 100
 212 4.3 3.9 5.9
 122 6.1 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF143850.D
 Acq: 30 Sep 2025 23:30

Tgt Ion:264 Resp: 649326
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.9 26.9
 265 22.7 17.7 26.5

