

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
 Data File : BF143617.D
 Acq On : 28 Aug 2025 18:43
 Operator : RC/JU
 Sample : Q2971-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Quant Time: Aug 29 01:09:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 26 16:30:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	102649	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	401363	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	230387	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	383905	20.000	ng	0.00
76) Chrysene-d12	14.045	240	211768	20.000	ng	0.00
86) Perylene-d12	15.521	264	197523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	800639	132.751	ng	0.00
7) Phenol-d6	6.510	99	1019266	136.448	ng	0.00
23) Nitrobenzene-d5	7.451	82	626303	111.417	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	311722	173.018	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1228599	91.177	ng	0.00
79) Terphenyl-d14	12.998	244	1274408	107.991	ng	0.00

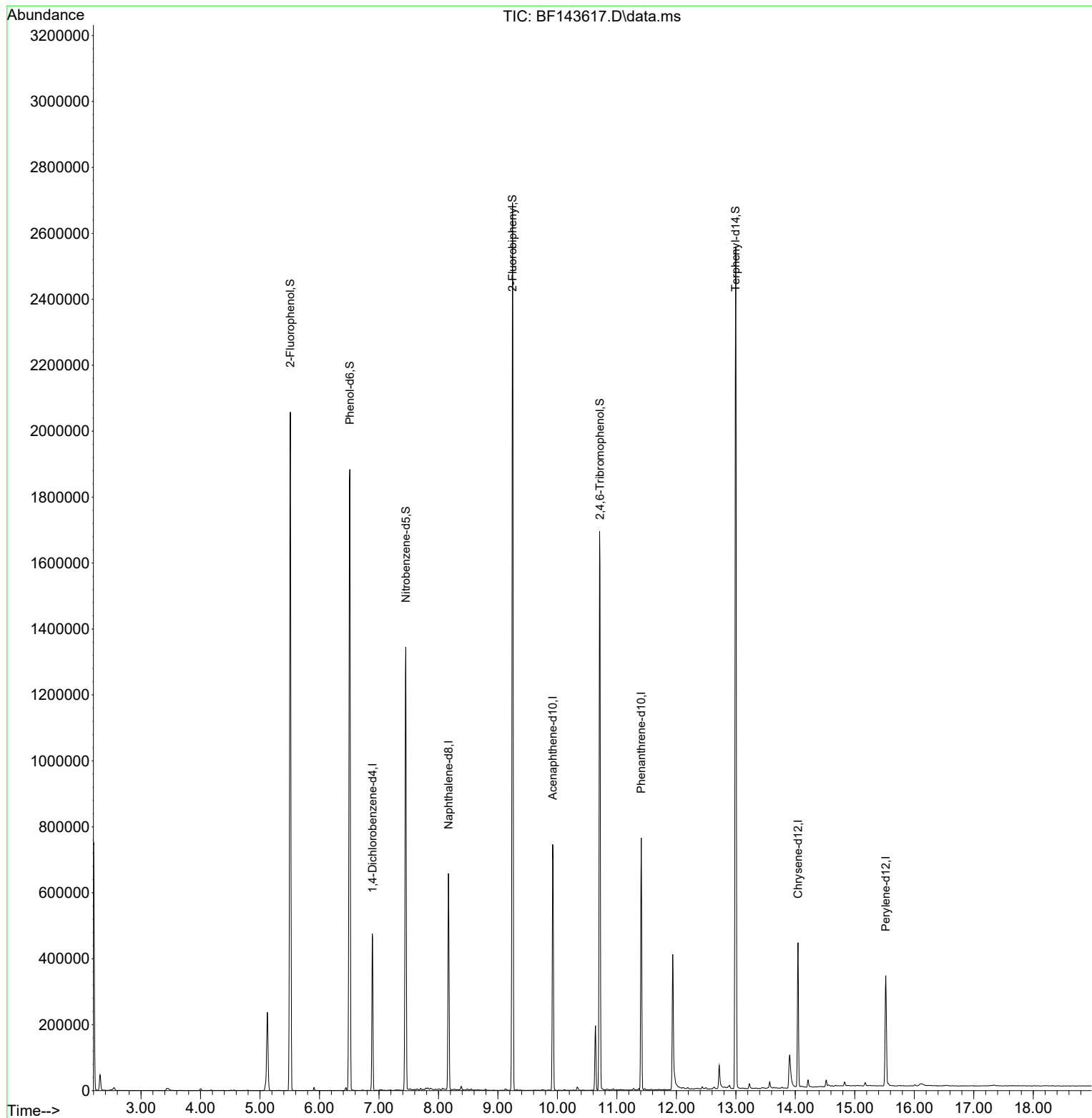
Target Compounds	Qvalue

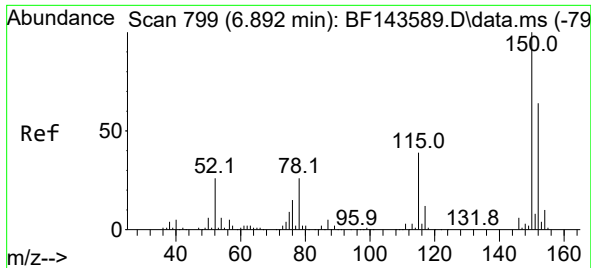
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143617.D
Acq On : 28 Aug 2025 18:43
Operator : RC/JU
Sample : Q2971-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2

Quant Time: Aug 29 01:09:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

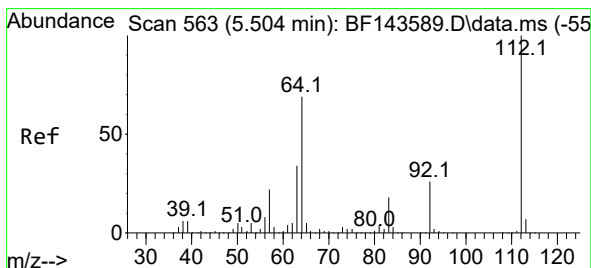
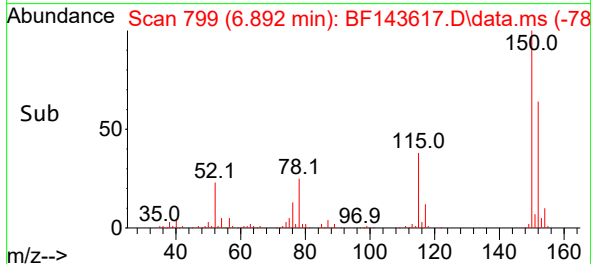
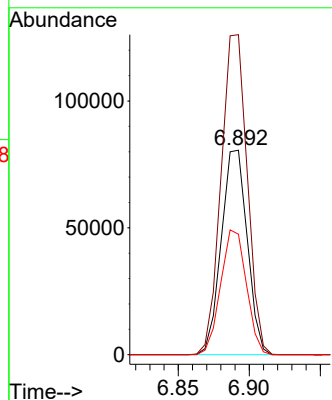
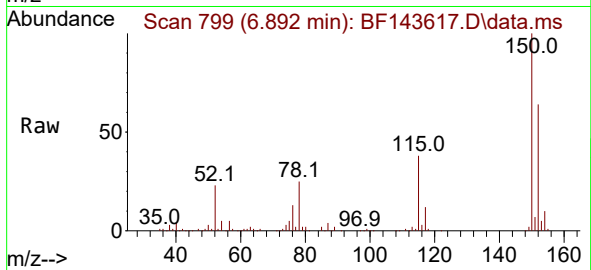




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF143617.D
Acq: 28 Aug 2025 18:43

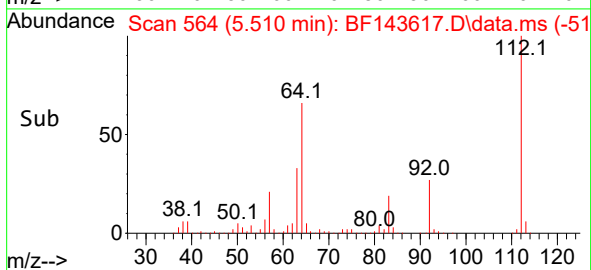
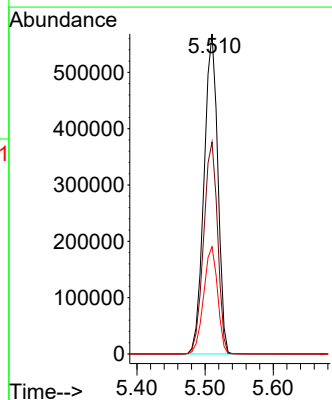
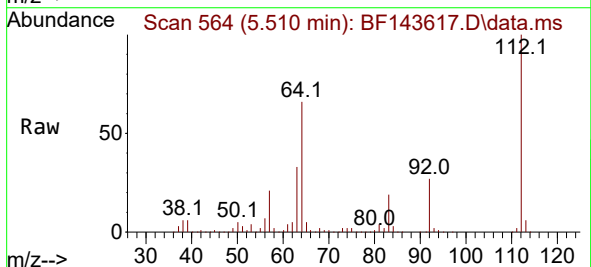
Instrument :
BNA_F
ClientSampleId :
TP2

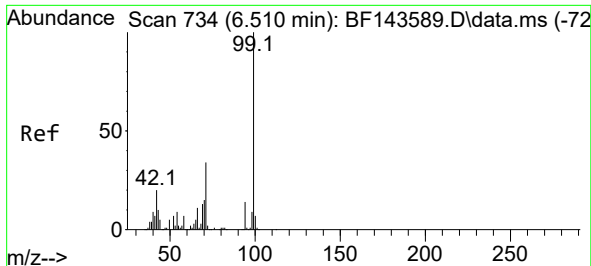
Tgt Ion:152 Resp: 102649
Ion Ratio Lower Upper
152 100
150 156.4 124.9 187.3
115 58.9 48.0 72.0



#5
2-Fluorophenol
Concen: 132.751 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF143617.D
Acq: 28 Aug 2025 18:43

Tgt Ion:112 Resp: 800639
Ion Ratio Lower Upper
112 100
64 66.2 54.8 82.2
63 33.5 27.6 41.4





#7
Phenol-d6
Concen: 136.448 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF143617.D
Acq: 28 Aug 2025 18:43

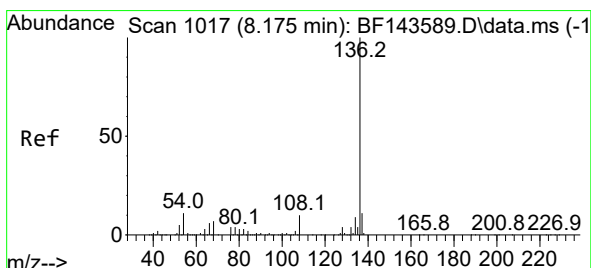
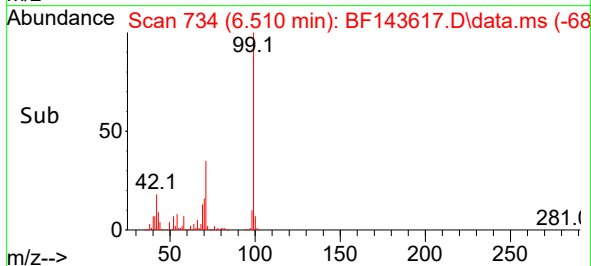
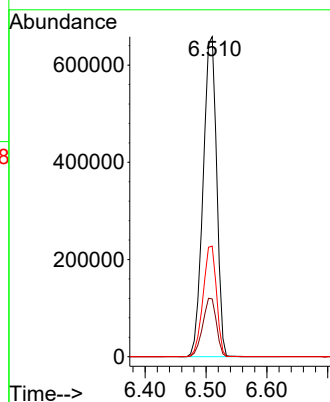
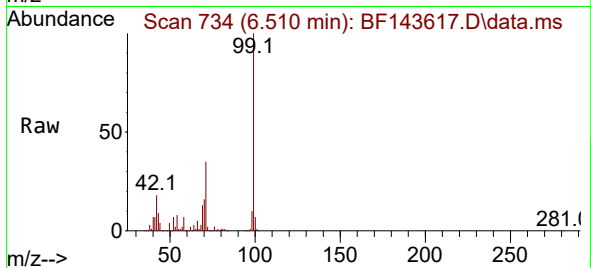
Instrument :

BNA_F

ClientSampleId :

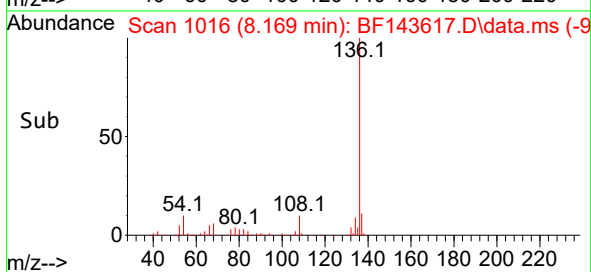
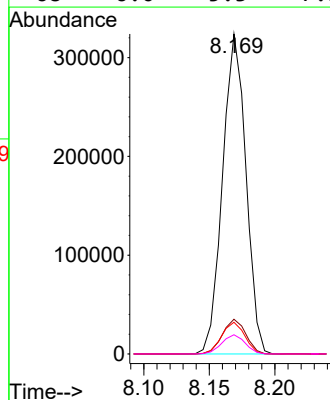
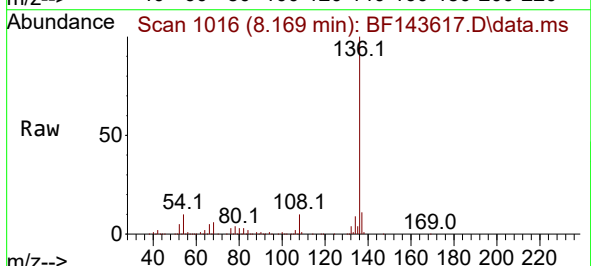
TP2

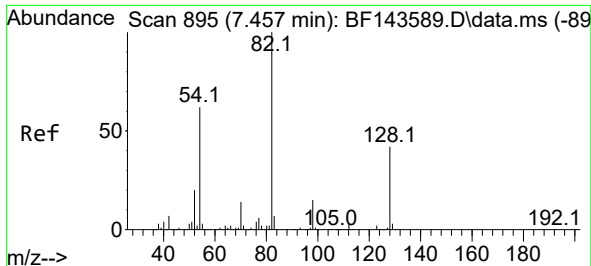
Tgt Ion: 99 Resp: 1019266
Ion Ratio Lower Upper
99 100
42 18.1 15.9 23.9
71 34.5 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143617.D
Acq: 28 Aug 2025 18:43

Tgt Ion:136 Resp: 401363
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.9 9.0 13.6
68 6.0 5.3 7.9





#23

Nitrobenzene-d5

Concen: 111.417 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF143617.D

Acq: 28 Aug 2025 18:43

Instrument :

BNA_F

ClientSampleId :

TP2

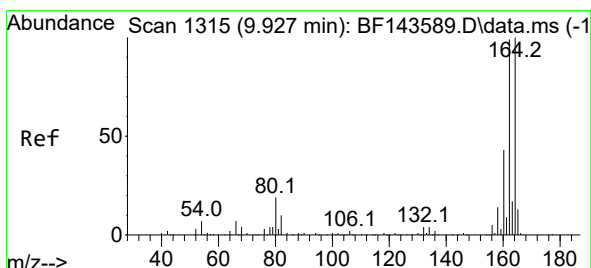
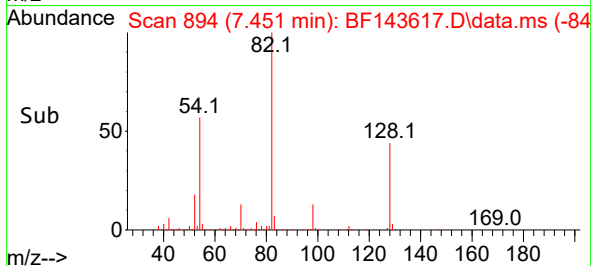
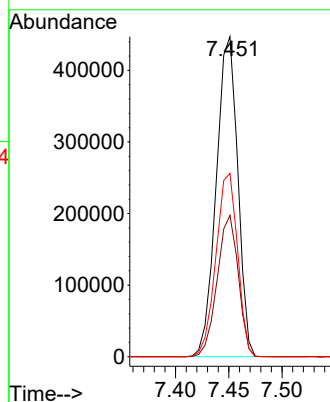
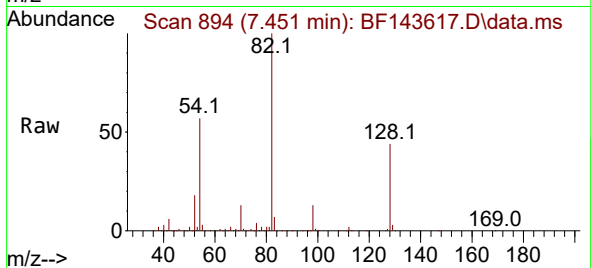
Tgt Ion: 82 Resp: 626303

Ion Ratio Lower Upper

82 100

128 44.2 33.4 50.2

54 57.3 49.3 73.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143617.D

Acq: 28 Aug 2025 18:43

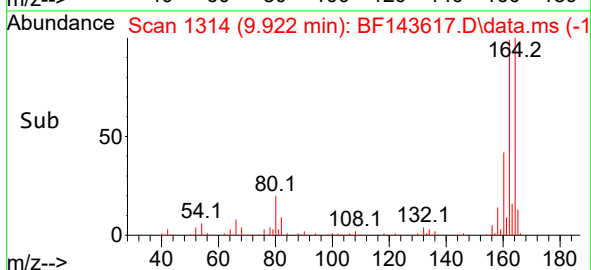
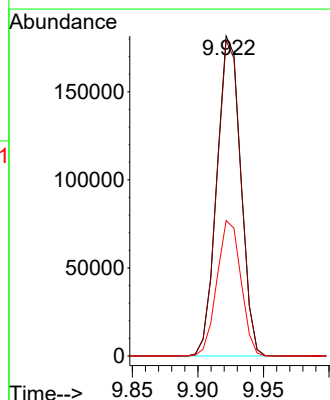
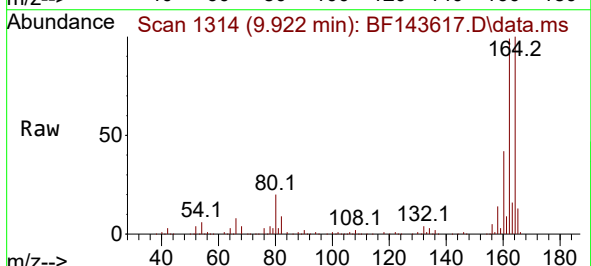
Tgt Ion:164 Resp: 230387

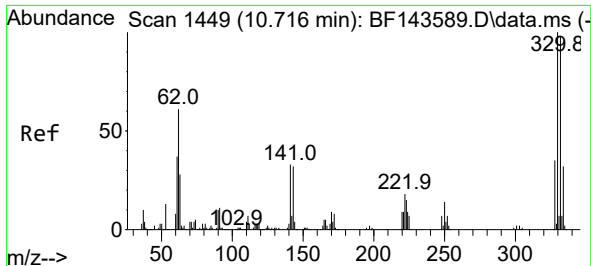
Ion Ratio Lower Upper

164 100

162 98.6 79.5 119.3

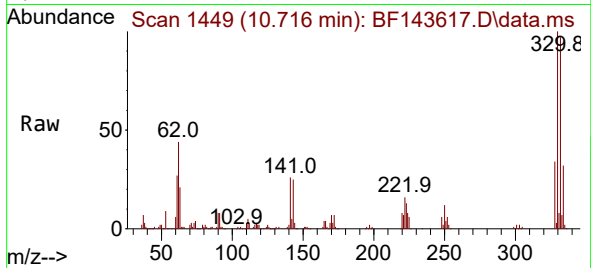
160 42.3 34.2 51.4



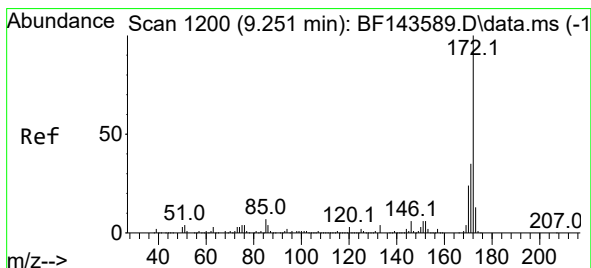
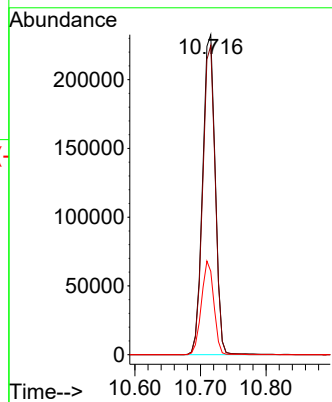
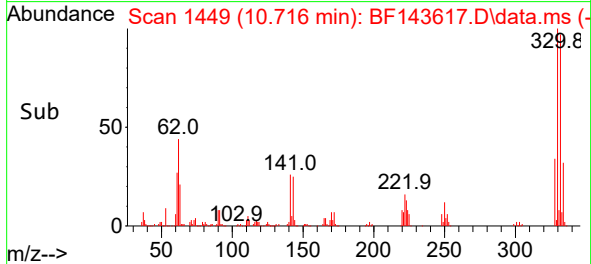


#42
2,4,6-Tribromophenol
Concen: 173.018 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143617.D
Acq: 28 Aug 2025 18:43

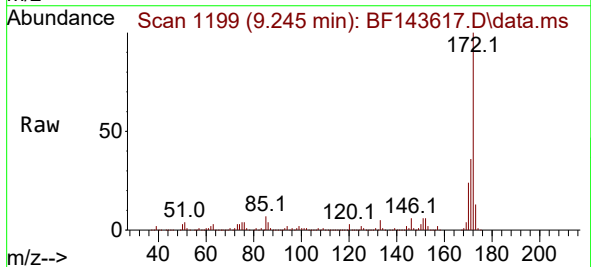
Instrument :
BNA_F
ClientSampleId :
TP2



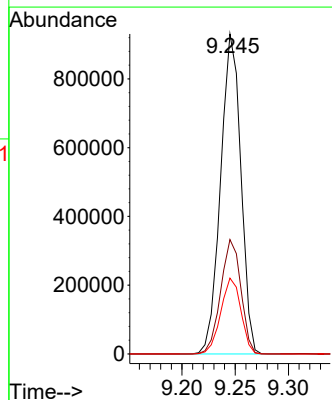
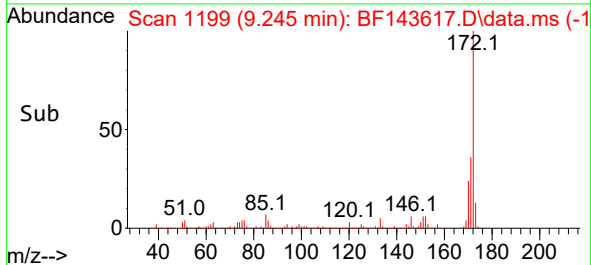
Tgt Ion: 330 Resp: 311722
Ion Ratio Lower Upper
330 100
332 96.0 78.2 117.4
141 28.9 25.4 38.0

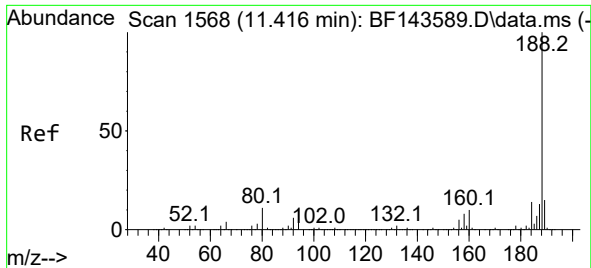


#45
2-Fluorobiphenyl
Concen: 91.177 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143617.D
Acq: 28 Aug 2025 18:43



Tgt Ion: 172 Resp: 1228599
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.7 19.0 28.4

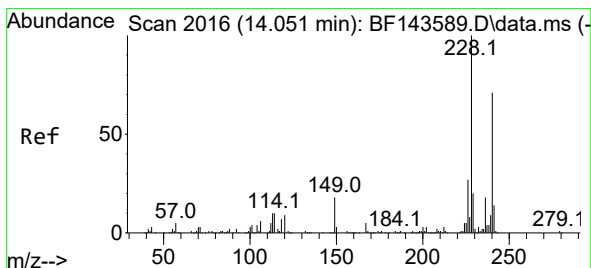
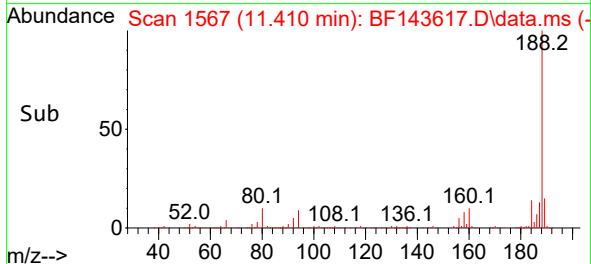
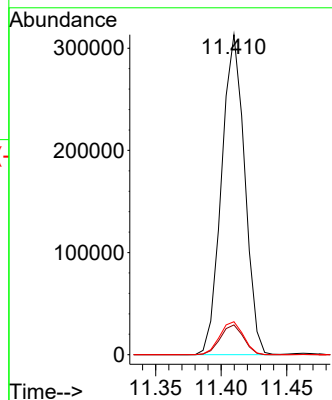
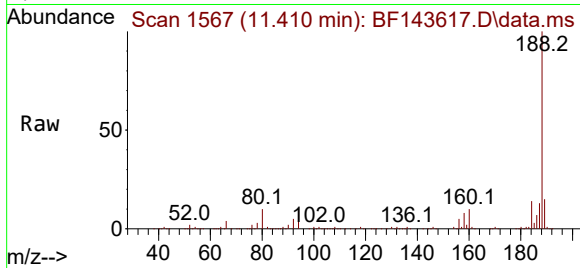




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143617.D
Acq: 28 Aug 2025 18:43

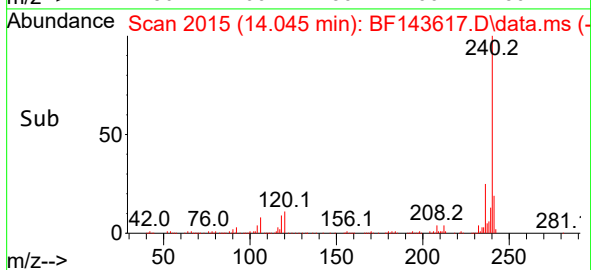
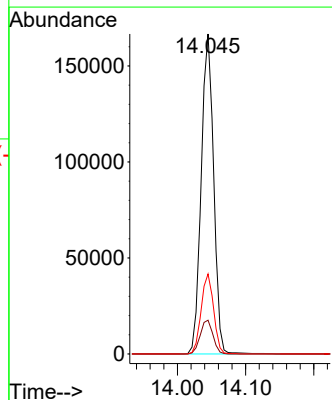
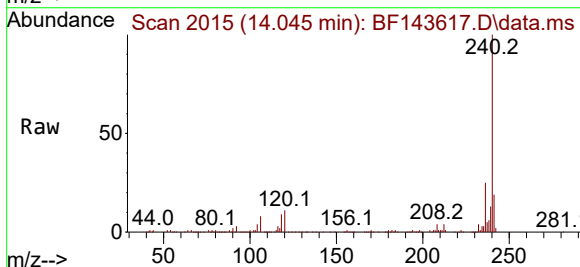
Instrument :
BNA_F
ClientSampleId :
TP2

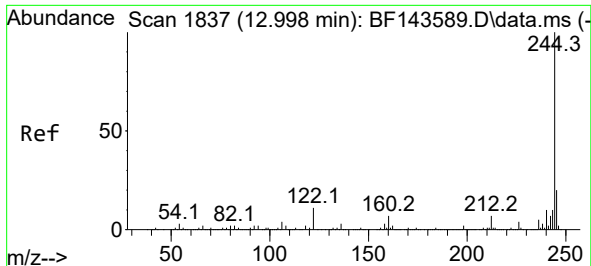
Tgt Ion:188 Resp: 383905
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.4
80 10.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143617.D
Acq: 28 Aug 2025 18:43

Tgt Ion:240 Resp: 211768
Ion Ratio Lower Upper
240 100
120 10.6 9.6 14.4
236 25.0 20.2 30.2

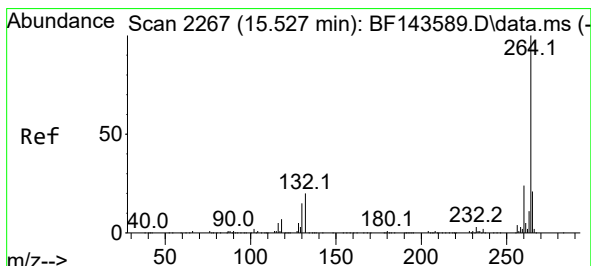
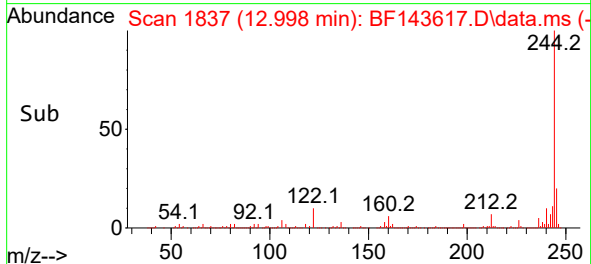
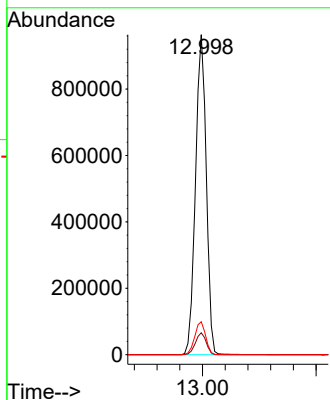
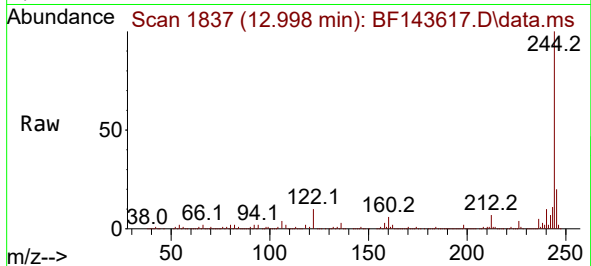




#79
 Terphenyl-d14
 Concen: 107.991 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143617.D
 Acq: 28 Aug 2025 18:43

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Tgt Ion:244 Resp: 1274408
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 10.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF143617.D
 Acq: 28 Aug 2025 18:43

Tgt Ion:264 Resp: 197523
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.5 17.0 25.4

