

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
 Data File : BF143594.D
 Acq On : 26 Aug 2025 16:09
 Operator : RC/JU
 Sample : PB169355TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169355TB

Quant Time: Aug 26 16:47:15 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	6.893	152	117409	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	459320	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	251822	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	404364	20.000	ng	0.00
76) Chrysene-d12	14.045	240	251939	20.000	ng	0.00
86) Perylene-d12	15.521	264	227581	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	890583	129.100	ng	0.01
7) Phenol-d6	6.510	99	1099836	128.725	ng	0.00
23) Nitrobenzene-d5	7.446	82	686854	106.771	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	285924	145.191	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1342590	91.156	ng	0.00
79) Terphenyl-d14	12.998	244	1270664	90.505	ng	0.00

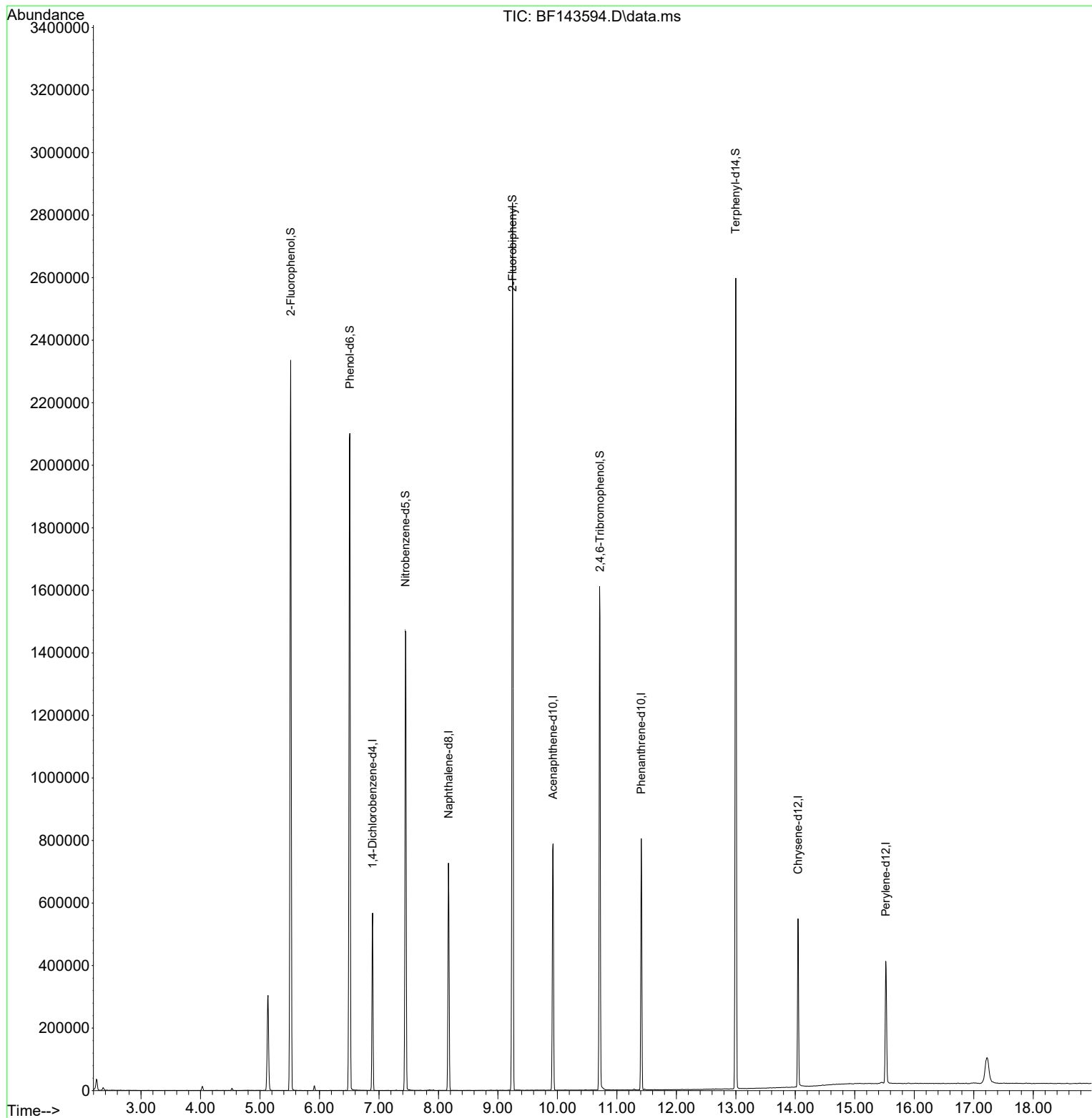
Target Compounds	Qvalue

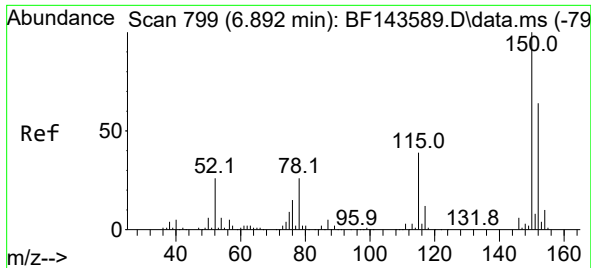
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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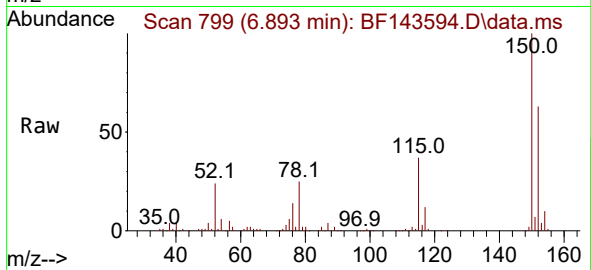
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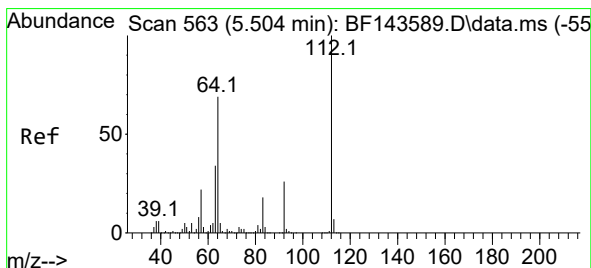
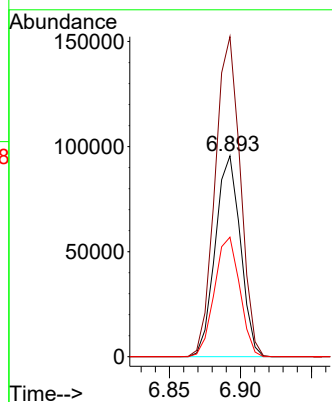
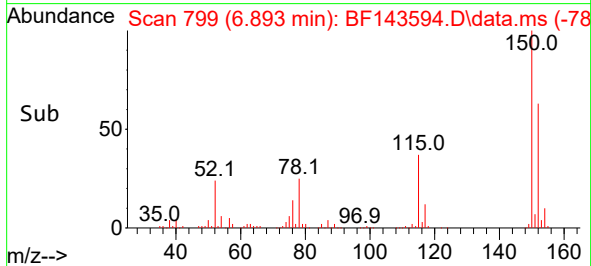


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. 0.001 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

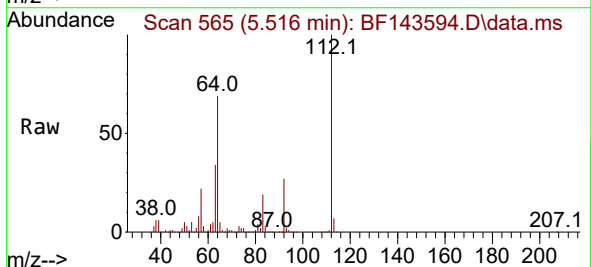
Instrument :
BNA_F
ClientSampleId :
PB169355TB



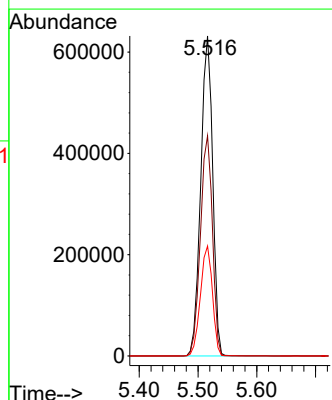
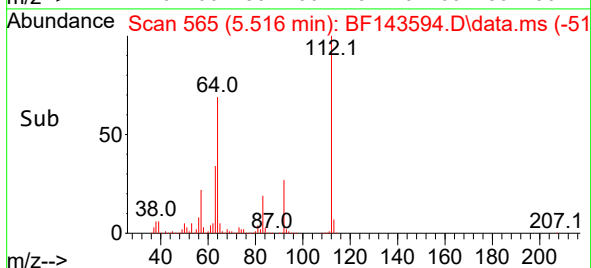
Tgt Ion:152 Resp: 117409
Ion Ratio Lower Upper
152 100
150 159.3 124.9 187.3
115 59.5 48.0 72.0

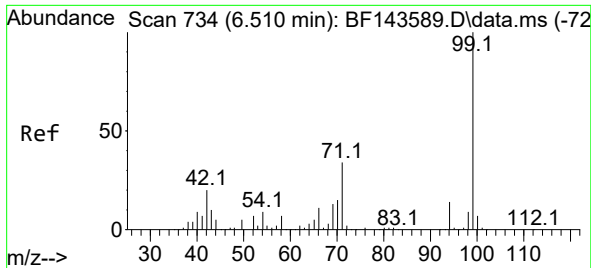


#5
2-Fluorophenol
Concen: 129.100 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09



Tgt Ion:112 Resp: 890583
Ion Ratio Lower Upper
112 100
64 68.8 54.8 82.2
63 34.4 27.6 41.4

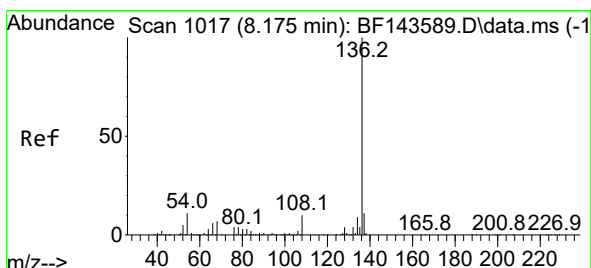
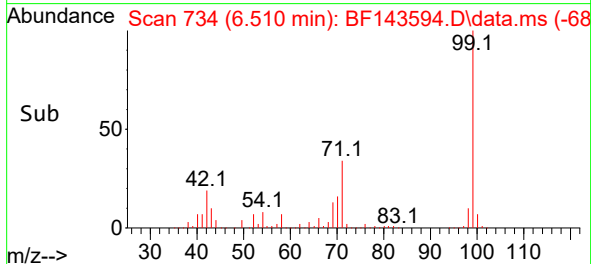
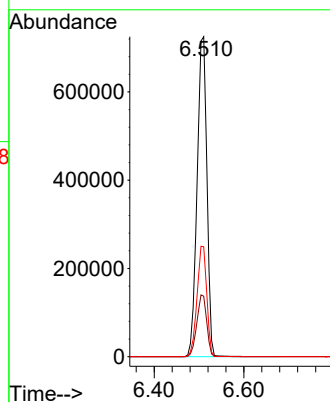
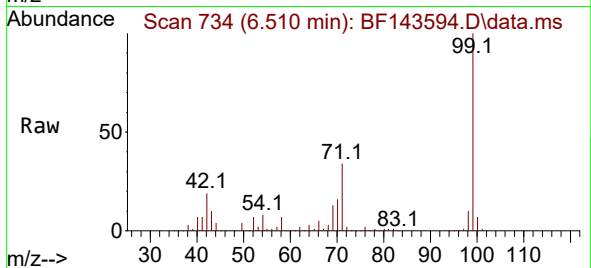




#7
Phenol-d6
Concen: 128.725 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

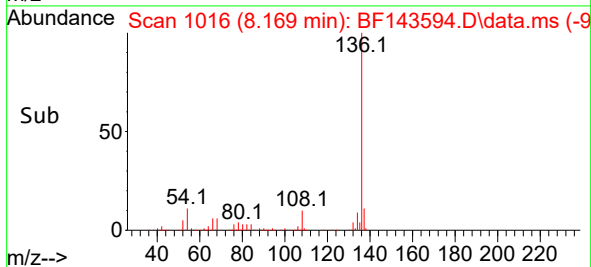
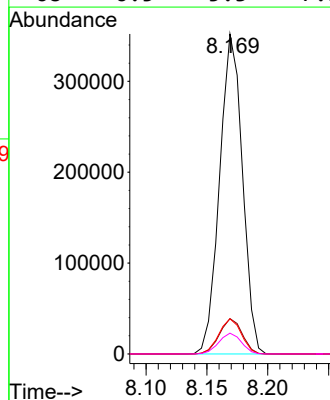
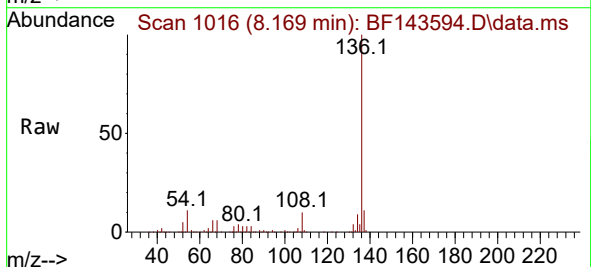
Instrument :
BNA_F
ClientSampleId :
PB169355TB

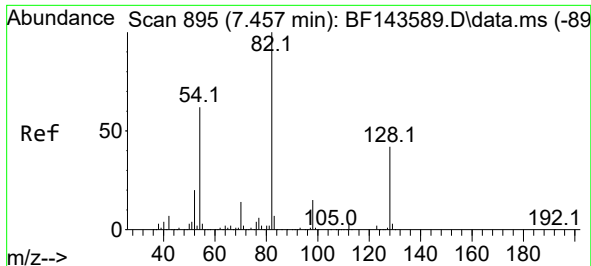
Tgt Ion: 99 Resp: 1099836
Ion Ratio Lower Upper
99 100
42 18.9 15.9 23.9
71 34.4 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

Tgt Ion:136 Resp: 459320
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 11.0 9.0 13.6
68 6.5 5.3 7.9





#23

Nitrobenzene-d5

Concen: 106.771 ng

RT: 7.446 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF143594.D

Acq: 26 Aug 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB169355TB

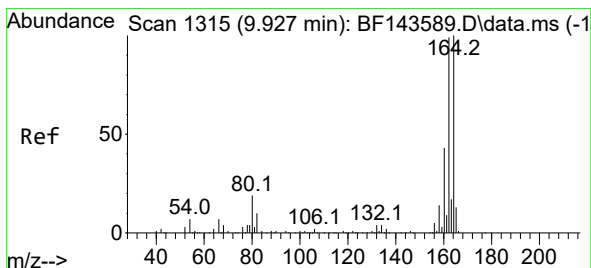
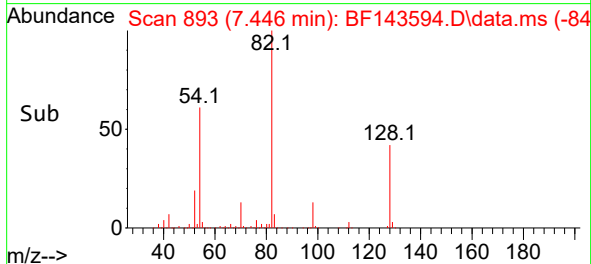
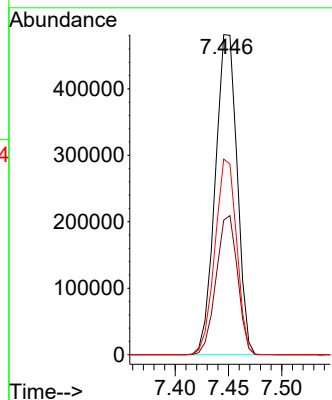
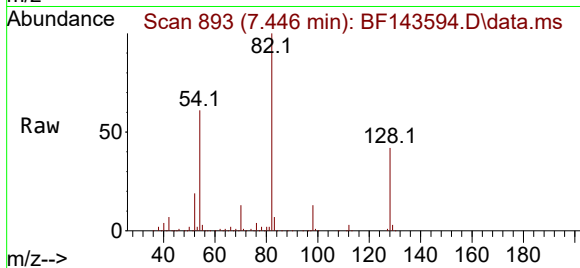
Tgt Ion: 82 Resp: 686854

Ion Ratio Lower Upper

82 100

128 42.1 33.4 50.2

54 61.1 49.3 73.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1315

Delta R.T. 0.001 min

Lab File: BF143594.D

Acq: 26 Aug 2025 16:09

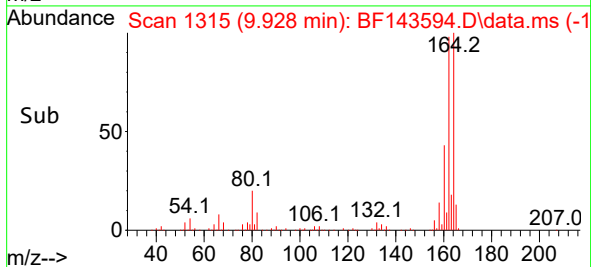
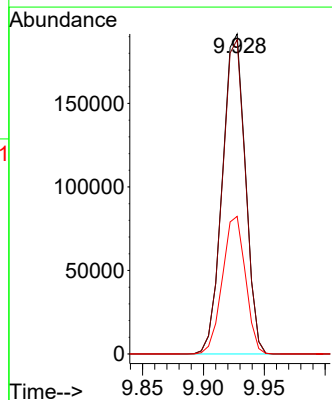
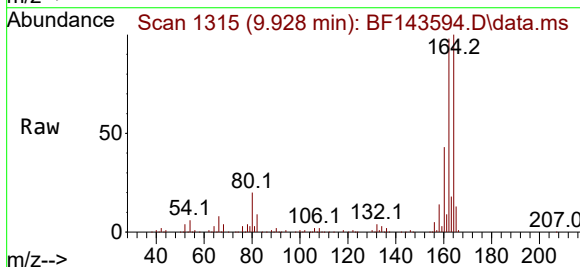
Tgt Ion:164 Resp: 251822

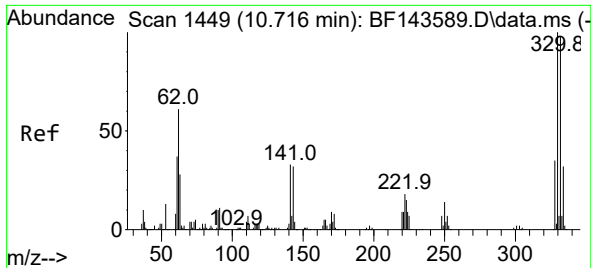
Ion Ratio Lower Upper

164 100

162 98.2 79.5 119.3

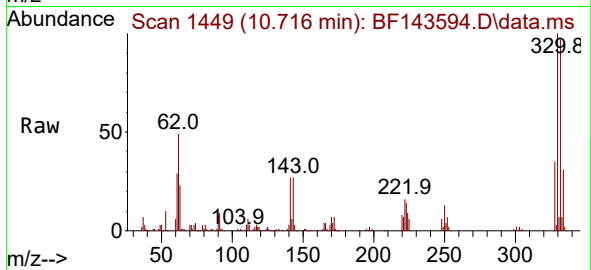
160 43.0 34.2 51.4



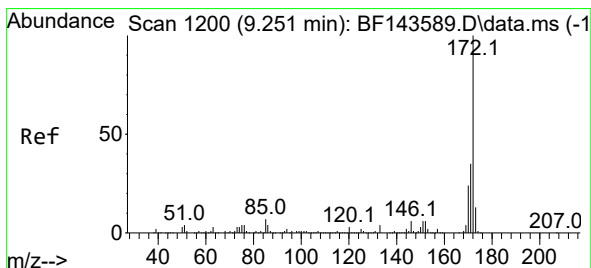
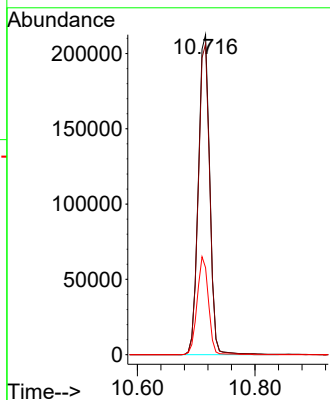
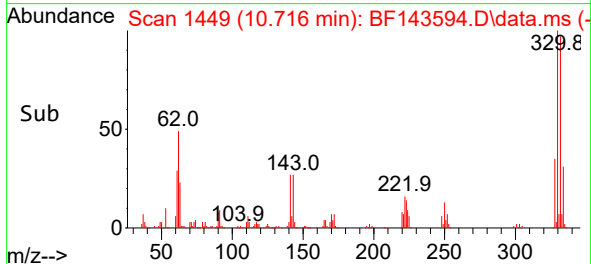


#42
2,4,6-Tribromophenol
Concen: 145.191 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

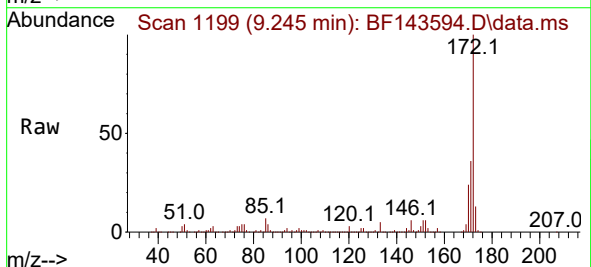
Instrument :
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ClientSampleId :
PB169355TB



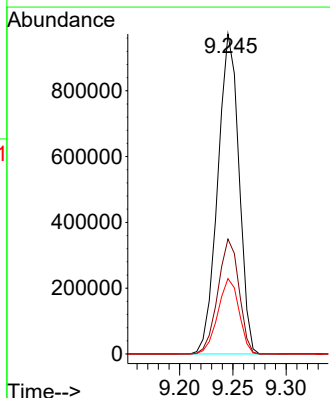
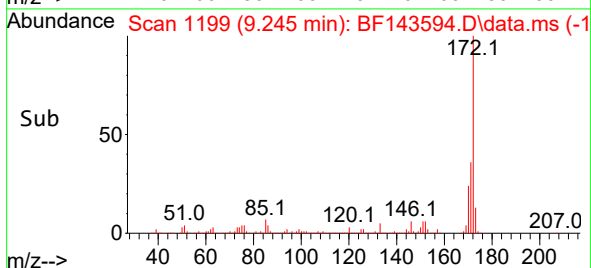
Tgt Ion:330 Resp: 285924
Ion Ratio Lower Upper
330 100
332 97.4 78.2 117.4
141 30.4 25.4 38.0

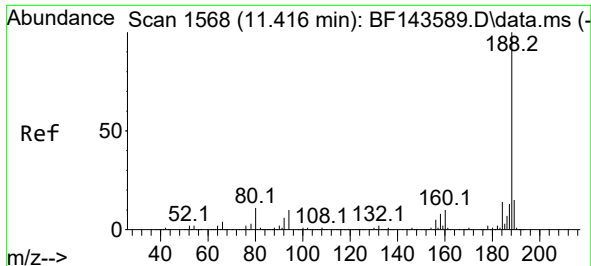


#45
2-Fluorobiphenyl
Concen: 91.156 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09



Tgt Ion:172 Resp: 1342590
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.6 19.0 28.4

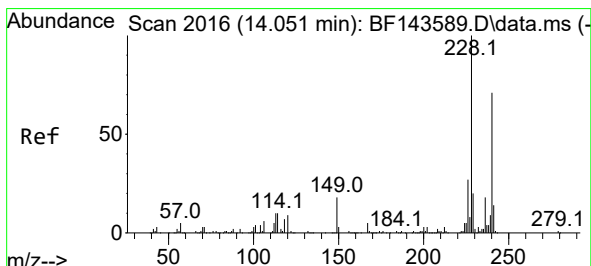
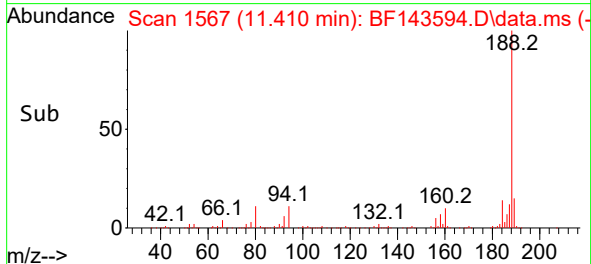
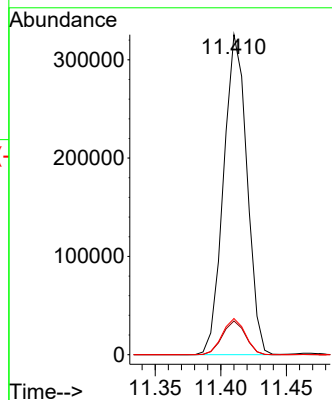
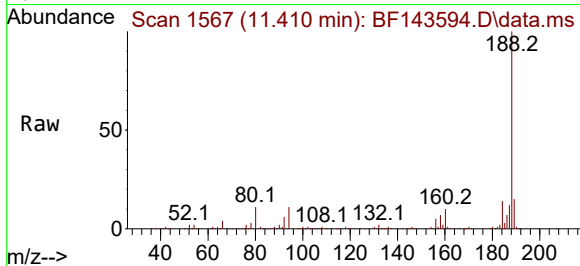




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

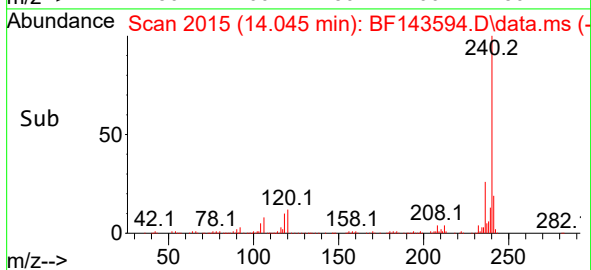
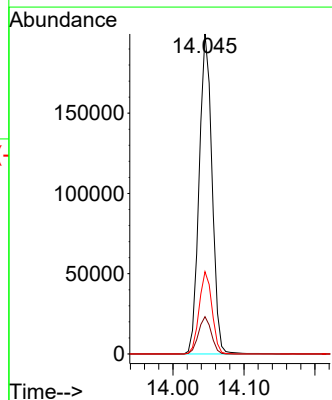
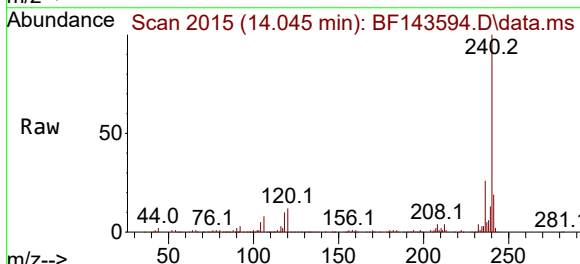
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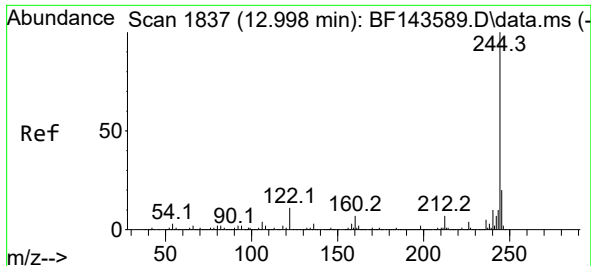
Tgt Ion:188 Resp: 404364
Ion Ratio Lower Upper
188 100
94 10.6 8.2 12.4
80 11.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143594.D
Acq: 26 Aug 2025 16:09

Tgt Ion:240 Resp: 251939
Ion Ratio Lower Upper
240 100
120 11.6 9.6 14.4
236 25.7 20.2 30.2

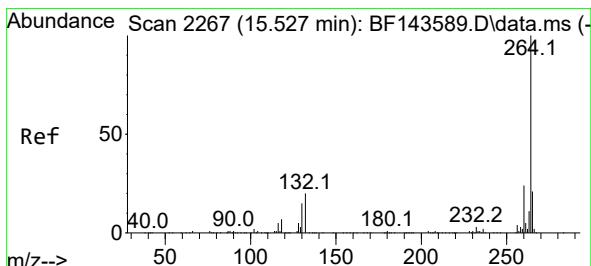
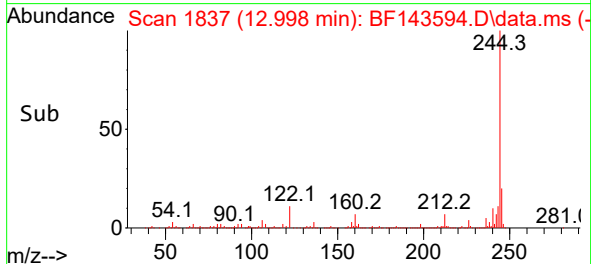
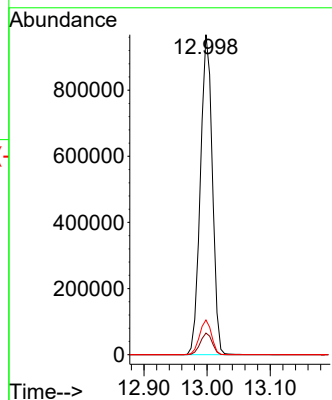
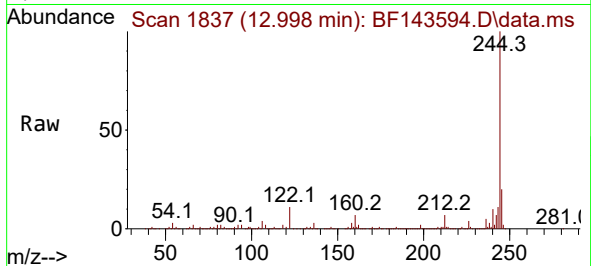




#79
 Terphenyl-d14
 Concen: 90.505 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF143594.D
 Acq: 26 Aug 2025 16:09

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Tgt Ion:244 Resp: 1270664
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.9 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: BF143594.D
 Acq: 26 Aug 2025 16:09

Tgt Ion:264 Resp: 227581
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.9 28.3
 265 21.3 17.0 25.4

