

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143391.D
 Acq On : 14 Aug 2025 19:56
 Operator : RC/JU
 Sample : Q2814-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-BP-N

Quant Time: Aug 15 01:34:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	147123	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	561422	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	301794	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	453683	20.000	ng	0.00
76) Chrysene-d12	14.098	240	253979	20.000	ng	0.00
86) Perylene-d12	15.592	264	291392	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	725366	85.258	ng	0.00
7) Phenol-d6	6.563	99	712531	65.308	ng	0.00
23) Nitrobenzene-d5	7.492	82	1026179	113.825	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	402221	182.366	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1726118	96.989	ng	0.00
79) Terphenyl-d14	13.039	244	1559023	109.591	ng	0.00

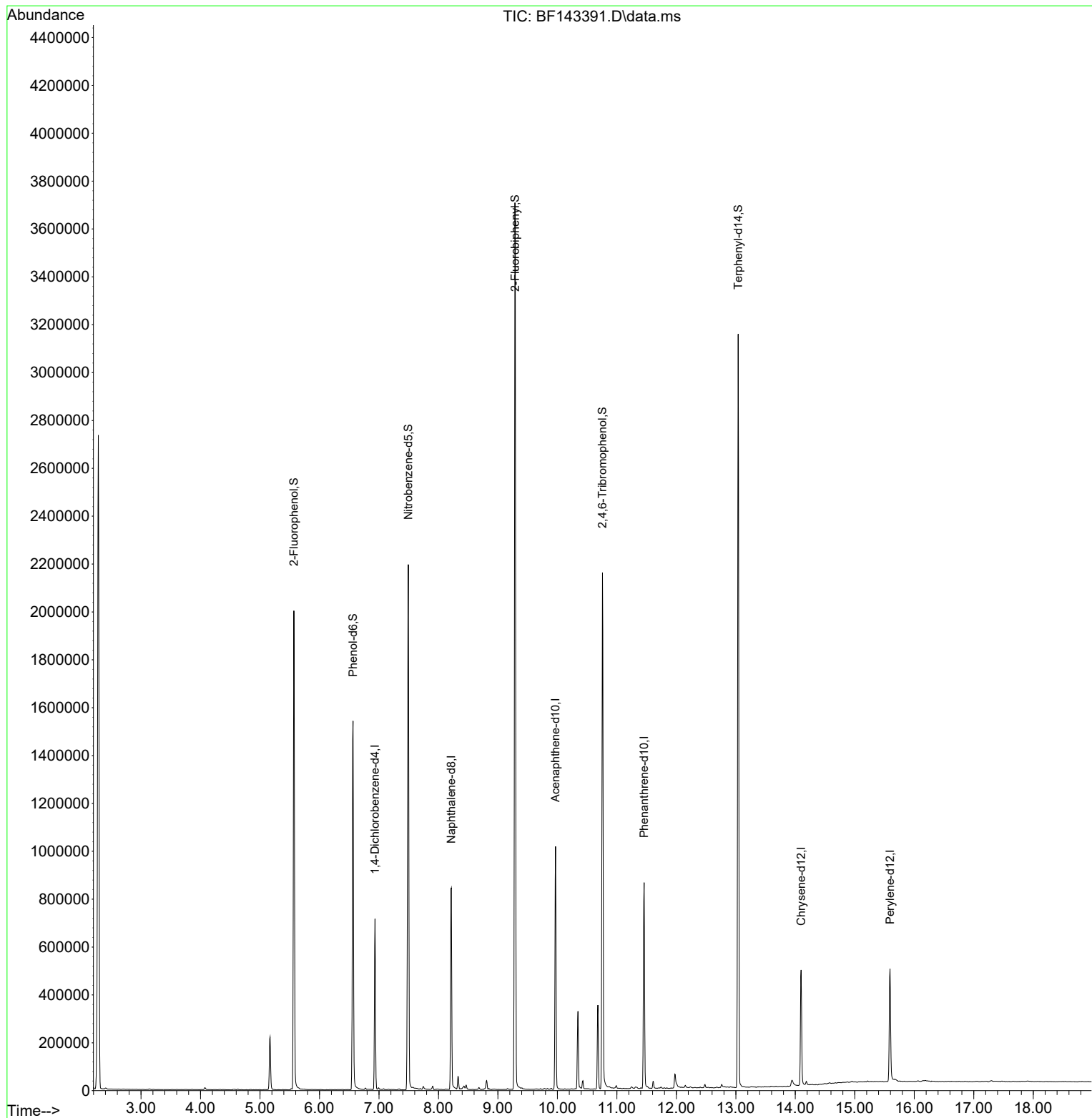
Target Compounds	Qvalue

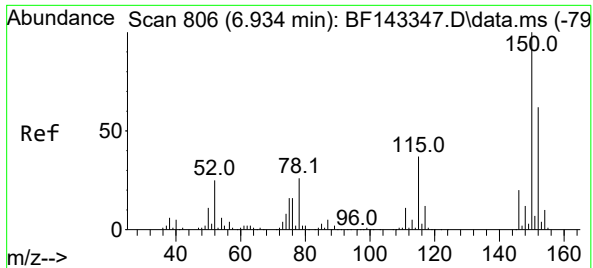
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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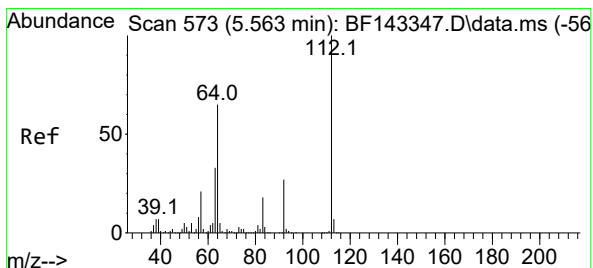
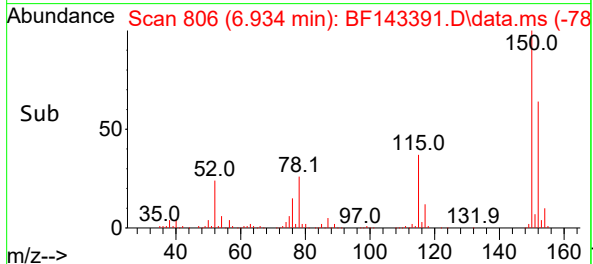
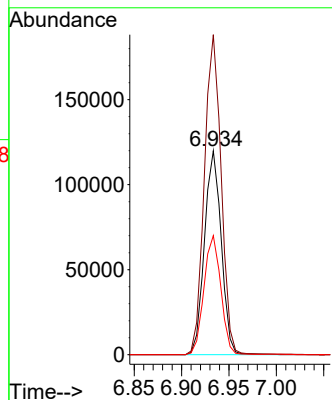
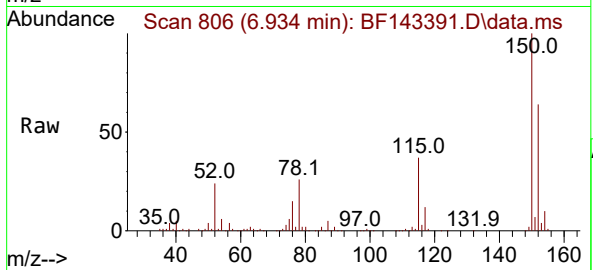




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.934 min Scan# 806
 Delta R.T. -0.000 min
 Lab File: BF143391.D
 Acq: 14 Aug 2025 19:56

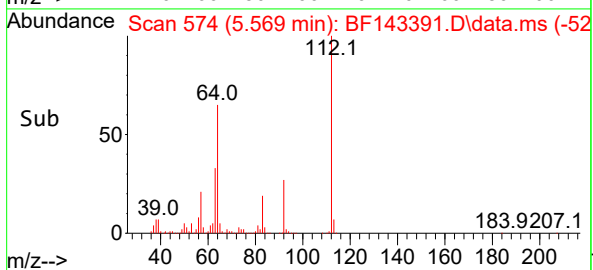
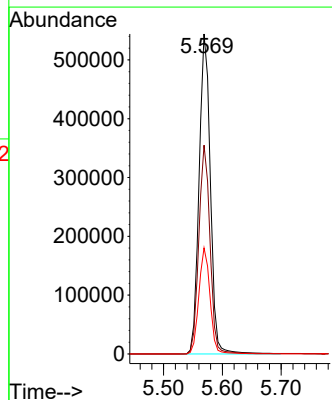
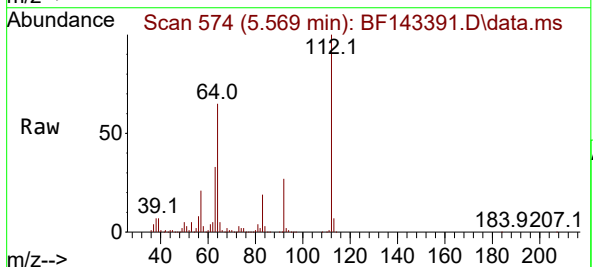
Instrument :
 BNA_F
 ClientSampleId :
 TW-BP-N

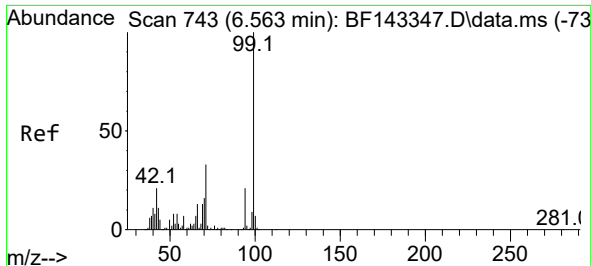
Tgt Ion:152 Resp: 147123
 Ion Ratio Lower Upper
 152 100
 150 157.0 129.8 194.8
 115 58.4 47.8 71.8



#5
 2-Fluorophenol
 Concen: 85.258 ng
 RT: 5.569 min Scan# 574
 Delta R.T. 0.006 min
 Lab File: BF143391.D
 Acq: 14 Aug 2025 19:56

Tgt Ion:112 Resp: 725366
 Ion Ratio Lower Upper
 112 100
 64 65.2 52.1 78.1
 63 33.1 26.6 39.8

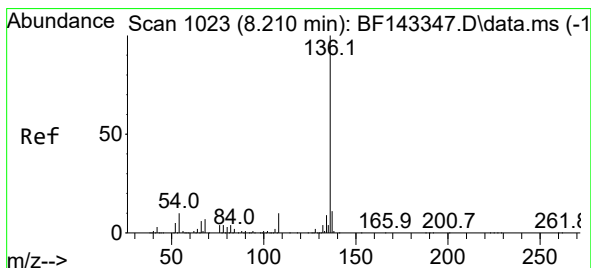
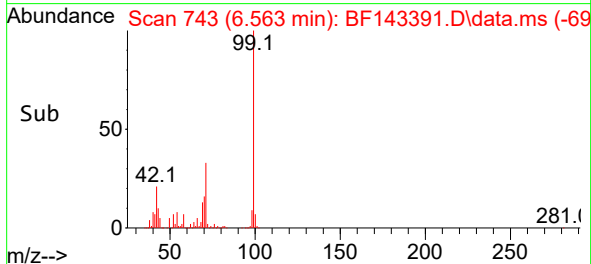
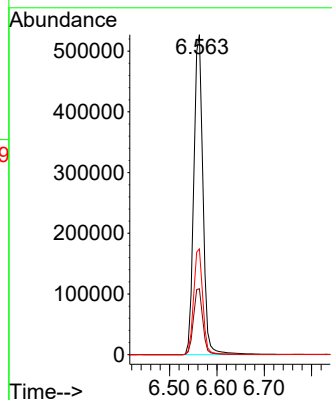
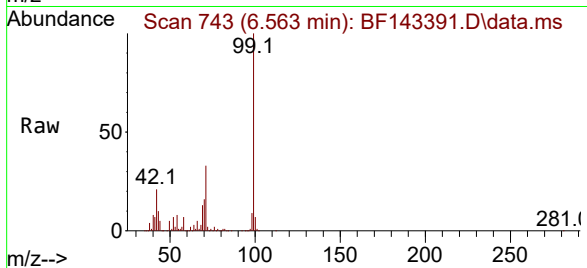




#7
Phenol-d6
Concen: 65.308 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF143391.D
Acq: 14 Aug 2025 19:56

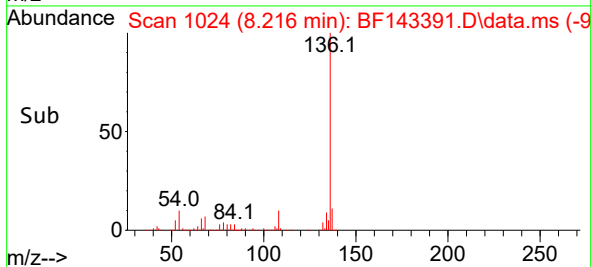
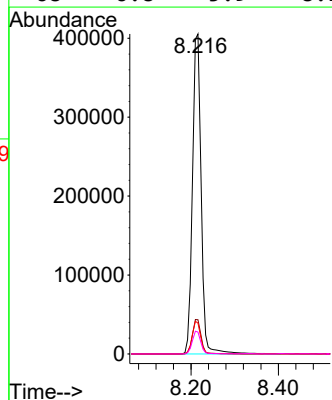
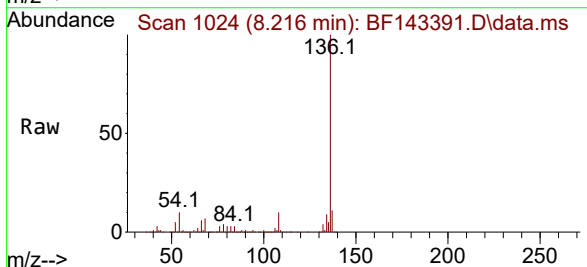
Instrument :
BNA_F
ClientSampleId :
TW-BP-N

Tgt Ion: 99 Resp: 712531
Ion Ratio Lower Upper
99 100
42 20.6 16.6 25.0
71 33.1 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF143391.D
Acq: 14 Aug 2025 19:56

Tgt Ion: 136 Resp: 561422
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.6 8.4 12.6
68 6.8 5.9 8.9





#23

Nitrobenzene-d5

Concen: 113.825 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF143391.D

Acq: 14 Aug 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TW-BP-N

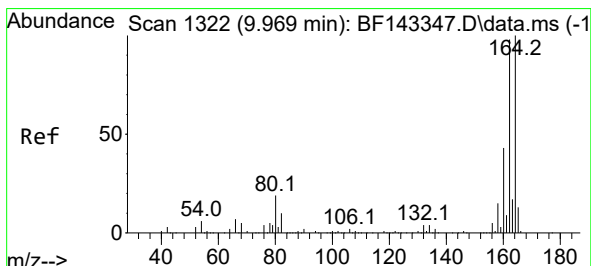
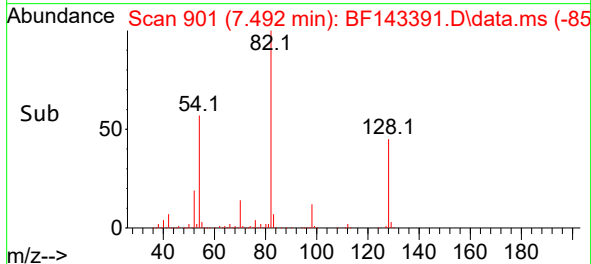
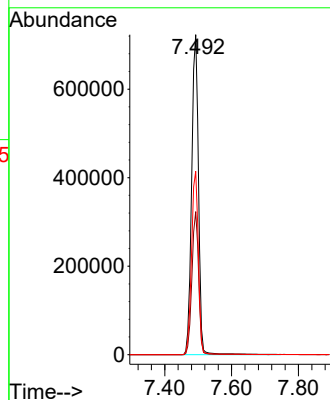
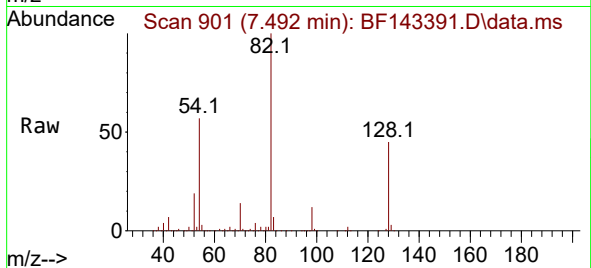
Tgt Ion: 82 Resp: 1026179

Ion Ratio Lower Upper

82 100

128 44.7 33.5 50.3

54 57.3 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF143391.D

Acq: 14 Aug 2025 19:56

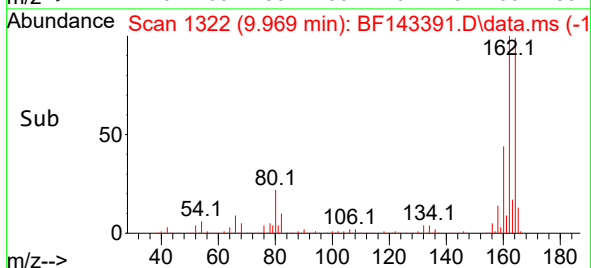
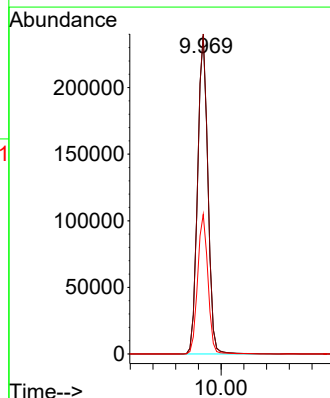
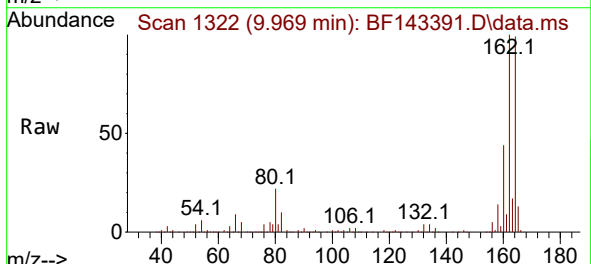
Tgt Ion: 164 Resp: 301794

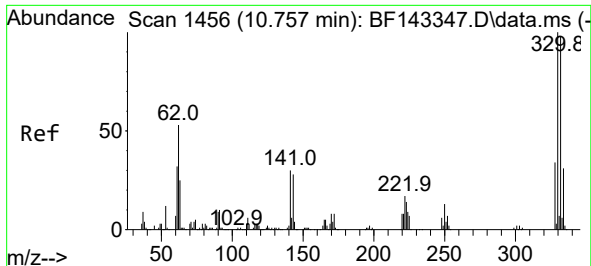
Ion Ratio Lower Upper

164 100

162 100.6 78.6 118.0

160 43.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 182.366 ng

RT: 10.757 min Scan# 1456

Delta R.T. -0.000 min

Lab File: BF143391.D

Acq: 14 Aug 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TW-BP-N

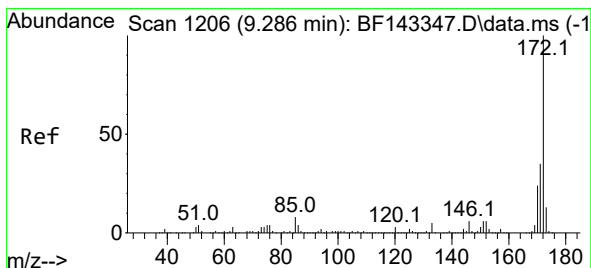
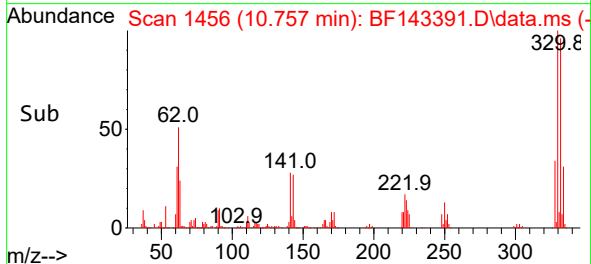
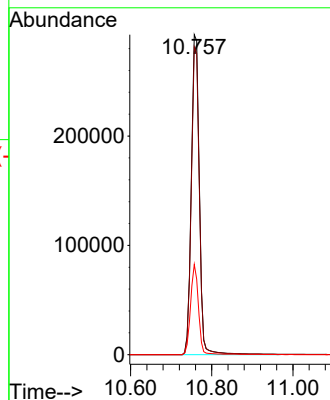
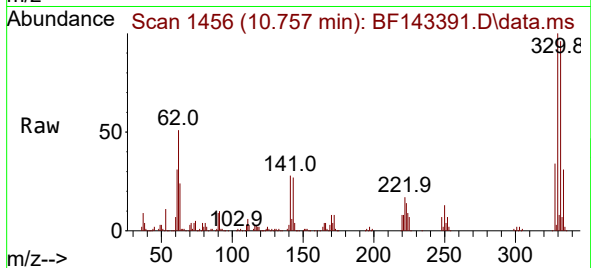
Tgt Ion:330 Resp: 402221

Ion Ratio Lower Upper

330 100

332 95.8 78.1 117.1

141 27.5 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 96.989 ng

RT: 9.286 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF143391.D

Acq: 14 Aug 2025 19:56

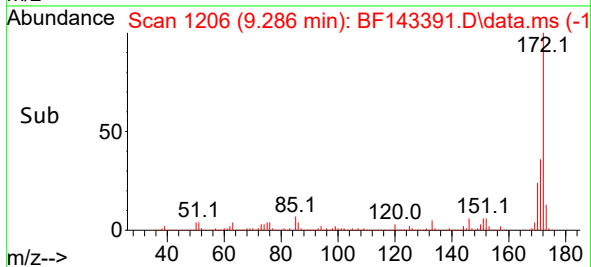
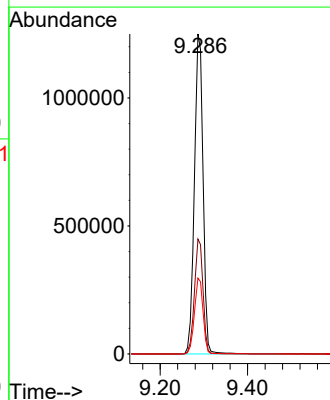
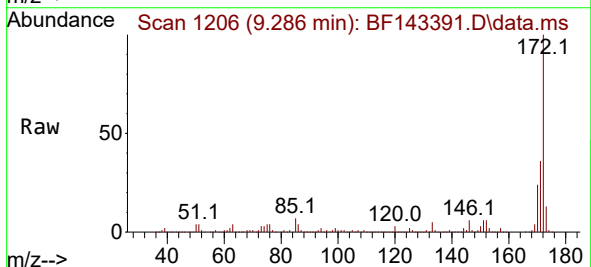
Tgt Ion:172 Resp: 1726118

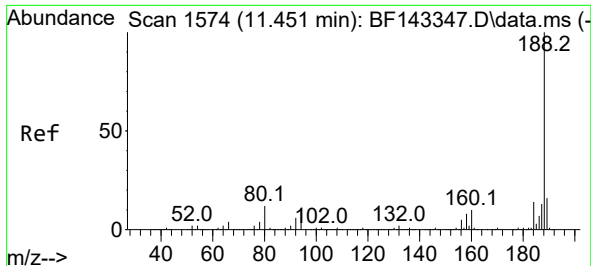
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.7 19.1 28.7

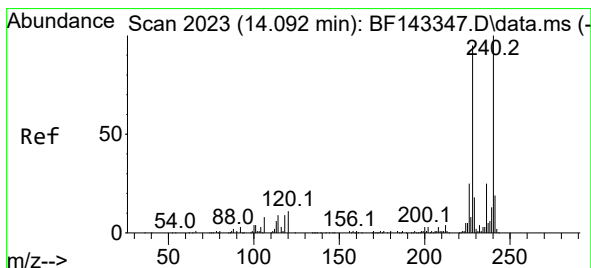
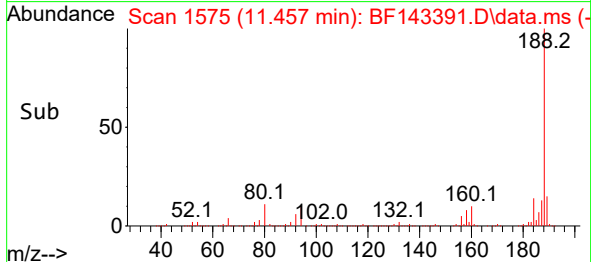
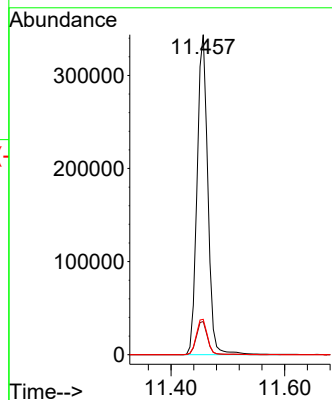
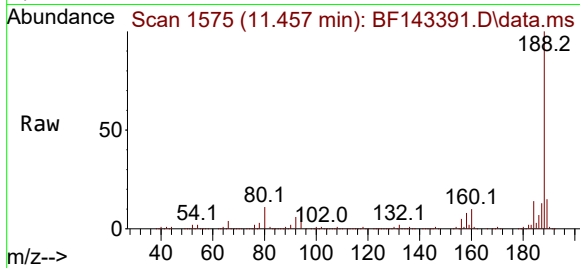




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143391.D
Acq: 14 Aug 2025 19:56

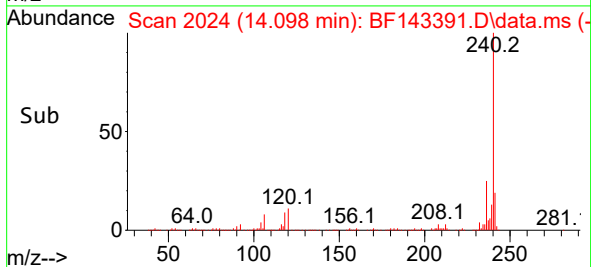
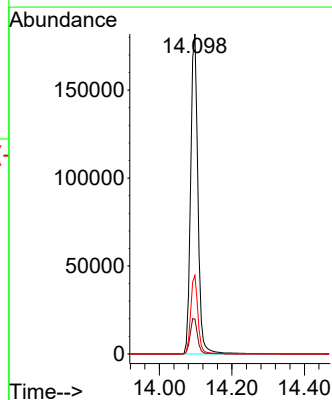
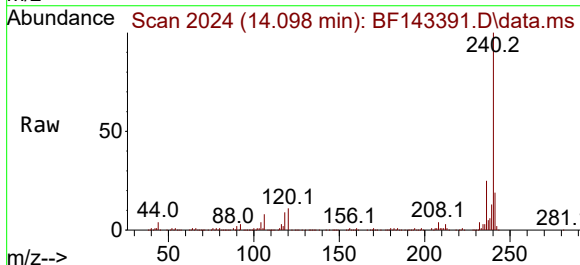
Instrument :
BNA_F
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TW-BP-N

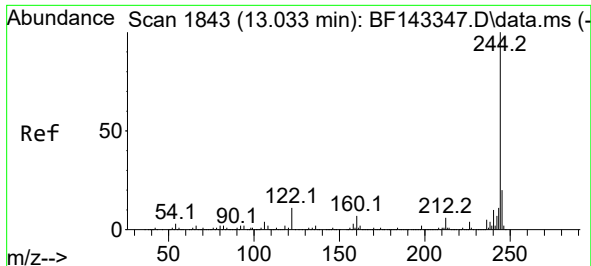
Tgt Ion:188 Resp: 453683
Ion Ratio Lower Upper
188 100
94 10.3 8.8 13.2
80 11.1 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF143391.D
Acq: 14 Aug 2025 19:56

Tgt Ion:240 Resp: 253979
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.6
236 24.5 19.9 29.9

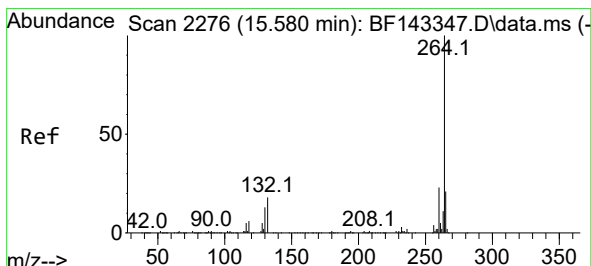
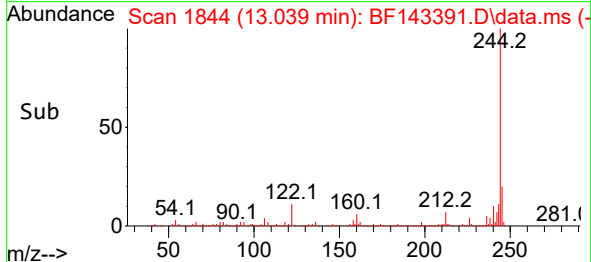
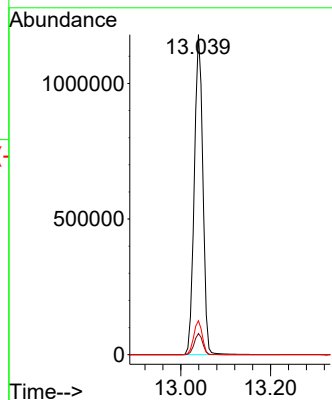
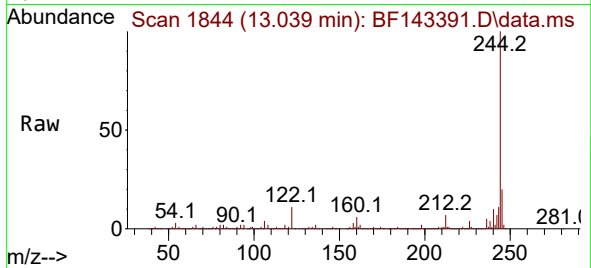




#79
 Terphenyl-d14
 Concen: 109.591 ng
 RT: 13.039 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143391.D
 Acq: 14 Aug 2025 19:56

Instrument :
 BNA_F
 ClientSampleId :
 TW-BP-N

Tgt Ion:244 Resp: 1559023
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 10.6 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2278
 Delta R.T. 0.012 min
 Lab File: BF143391.D
 Acq: 14 Aug 2025 19:56

Tgt Ion:264 Resp: 291392
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.6 17.2 25.8

