

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143388.D
 Acq On : 14 Aug 2025 18:26
 Operator : RC/JU
 Sample : Q2814-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-38M-N

Quant Time: Aug 14 18:46:47 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	143835	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	555709	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	299361	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	455198	20.000	ng	0.00
76) Chrysene-d12	14.098	240	258169	20.000	ng	0.00
86) Perylene-d12	15.592	264	285769	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	646027	77.669	ng	0.00
7) Phenol-d6	6.563	99	696791	65.326	ng	0.00
23) Nitrobenzene-d5	7.486	82	800347	89.688	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	326515	149.244	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1406789	79.689	ng	0.00
79) Terphenyl-d14	13.039	244	1284914	88.857	ng	0.00

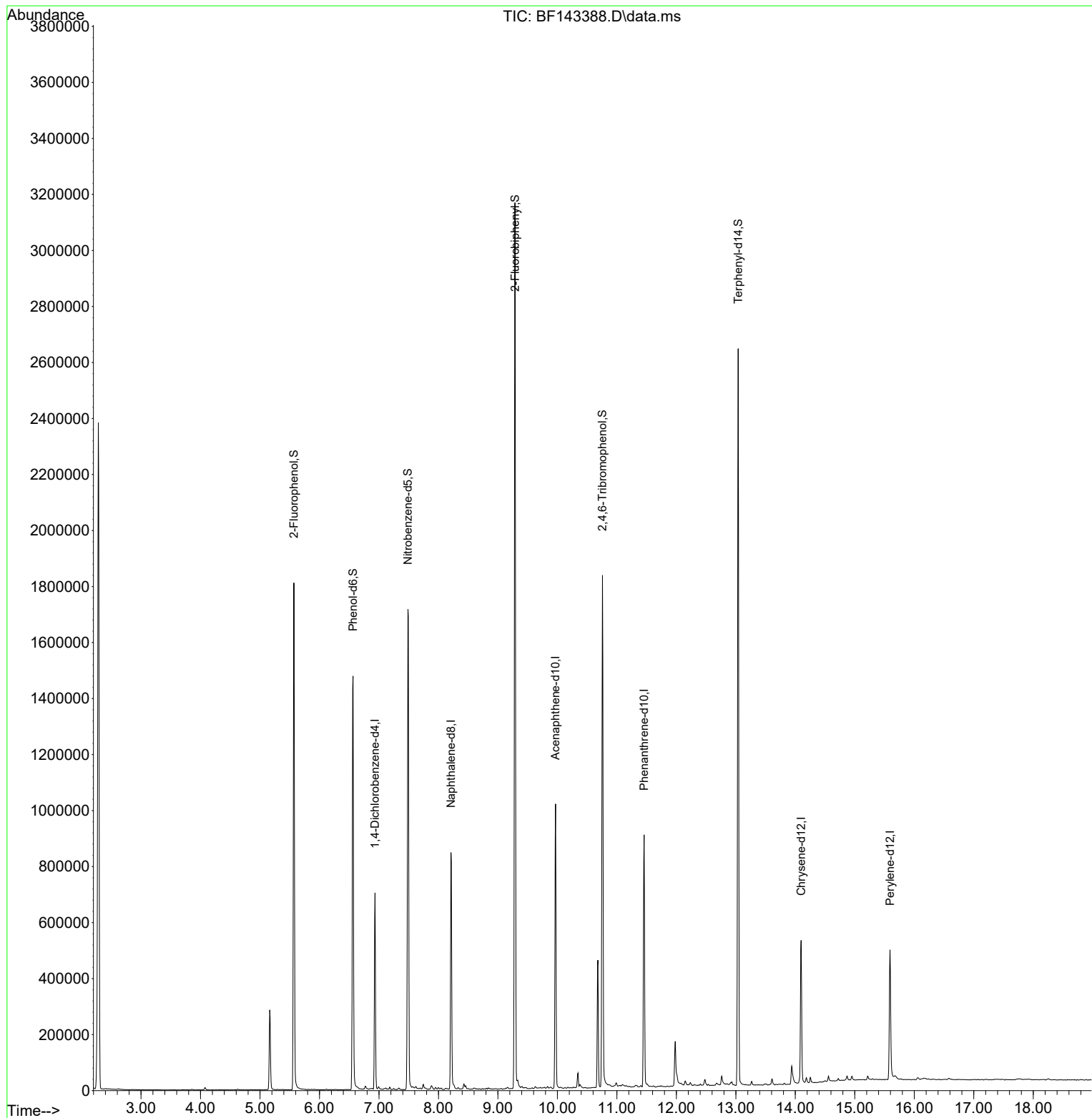
Target Compounds	Qvalue

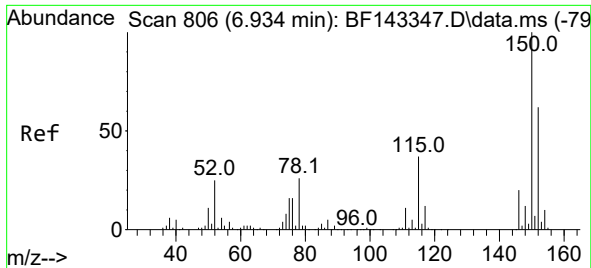
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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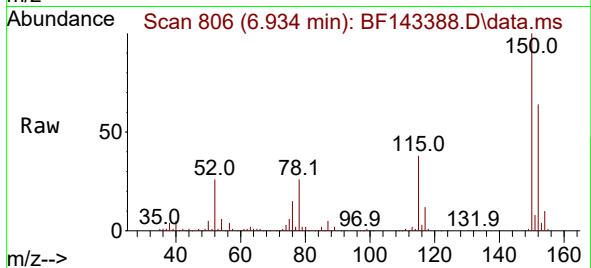
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
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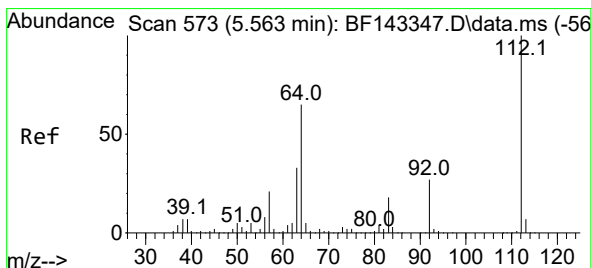
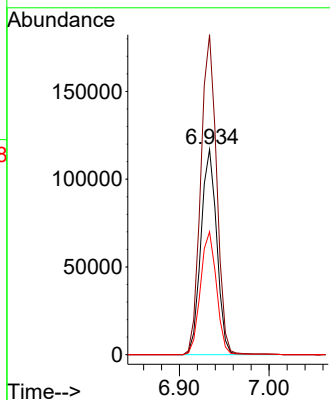
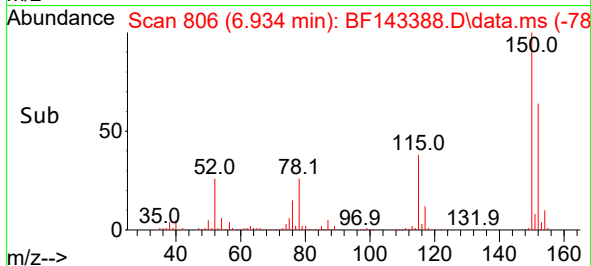


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF143388.D
Acq: 14 Aug 2025 18:26

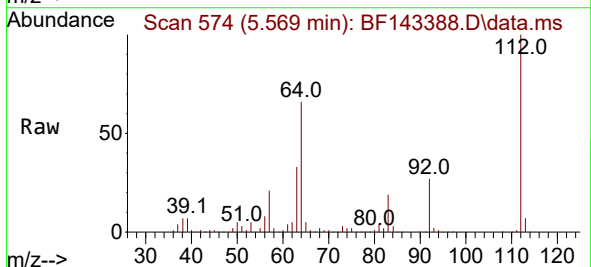
Instrument :
BNA_F
ClientSampleId :
TW-38M-N



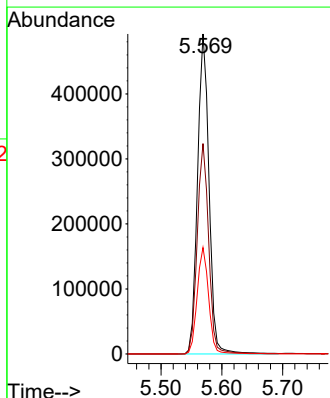
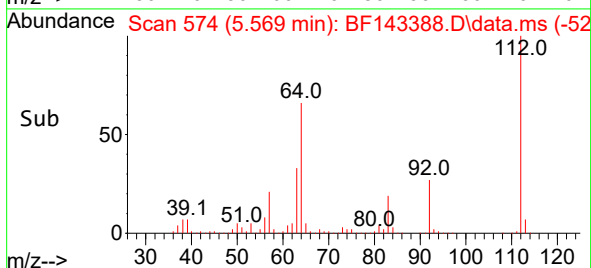
Tgt Ion:152 Resp: 143835
Ion Ratio Lower Upper
152 100
150 155.8 129.8 194.8
115 59.8 47.8 71.8

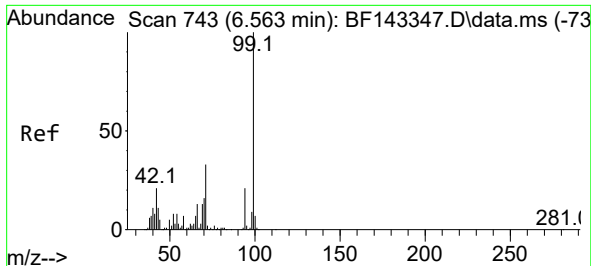


#5
2-Fluorophenol
Concen: 77.669 ng
RT: 5.569 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF143388.D
Acq: 14 Aug 2025 18:26



Tgt Ion:112 Resp: 646027
Ion Ratio Lower Upper
112 100
64 65.8 52.1 78.1
63 33.3 26.6 39.8

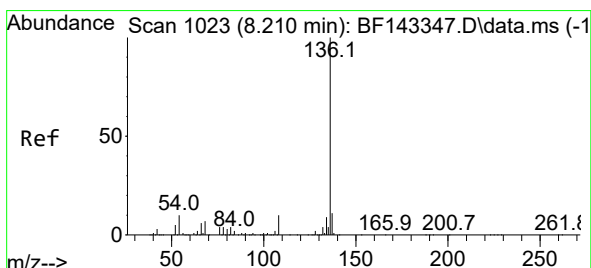
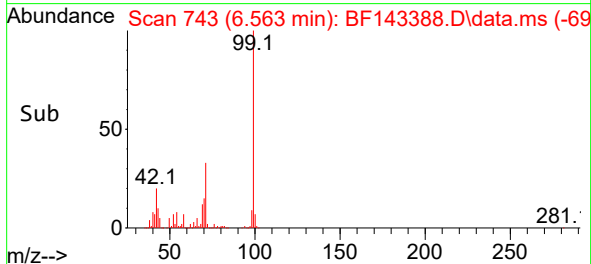
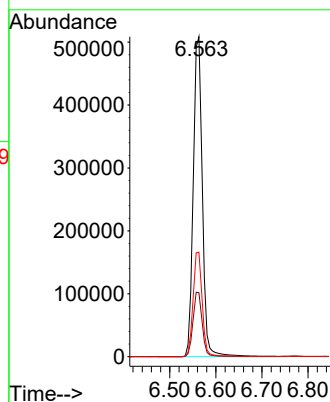
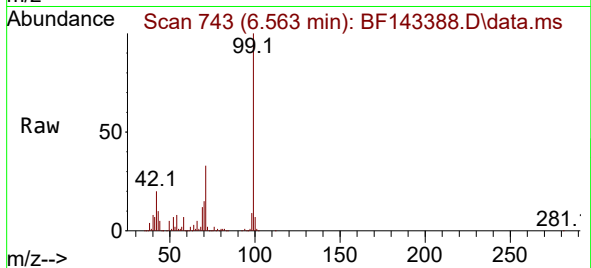




#7
Phenol-d6
Concen: 65.326 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF143388.D
Acq: 14 Aug 2025 18:26

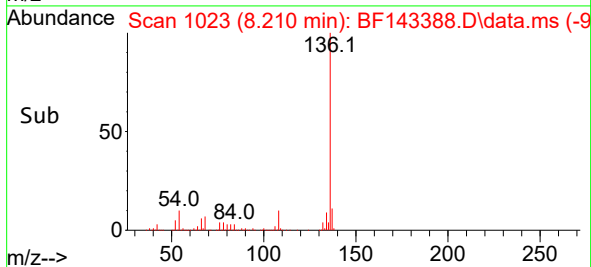
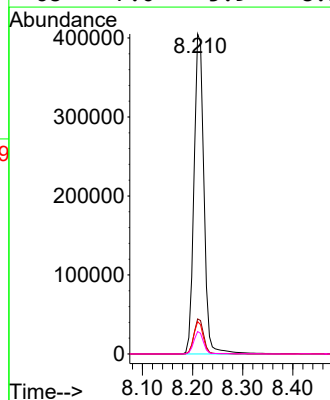
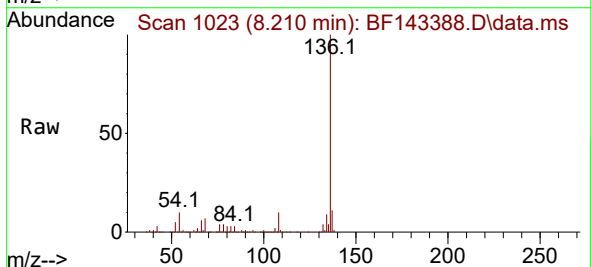
Instrument :
BNA_F
ClientSampleId :
TW-38M-N

Tgt Ion: 99 Resp: 696791
Ion Ratio Lower Upper
99 100
42 20.0 16.6 25.0
71 32.7 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143388.D
Acq: 14 Aug 2025 18:26

Tgt Ion: 136 Resp: 555709
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.1 8.4 12.6
68 7.0 5.9 8.9





#23

Nitrobenzene-d5

Concen: 89.688 ng

RT: 7.486 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF143388.D

Acq: 14 Aug 2025 18:26

Instrument :

BNA_F

ClientSampleId :

TW-38M-N

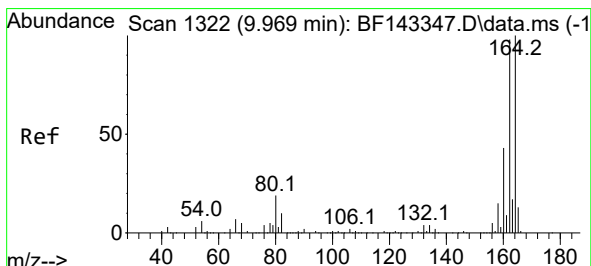
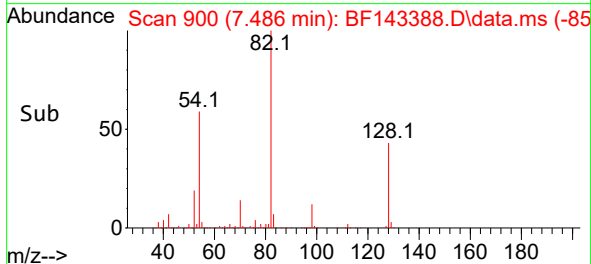
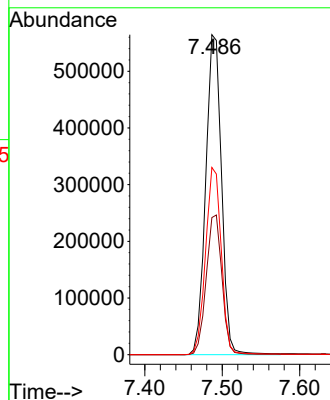
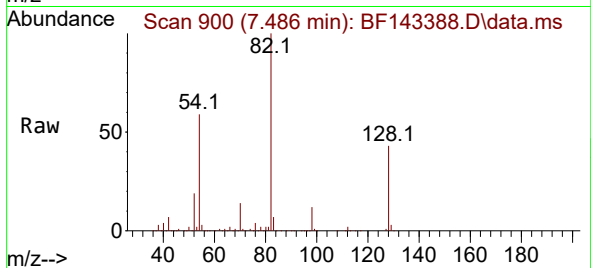
Tgt Ion: 82 Resp: 800347

Ion Ratio Lower Upper

82 100

128 42.9 33.5 50.3

54 58.5 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: BF143388.D

Acq: 14 Aug 2025 18:26

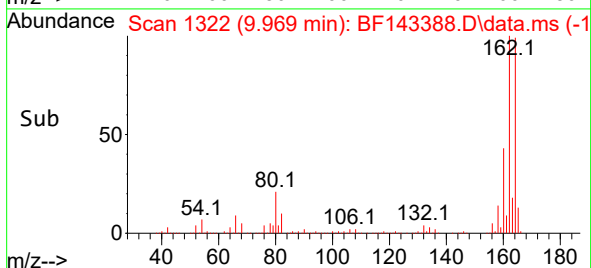
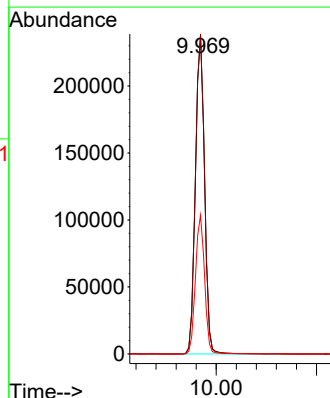
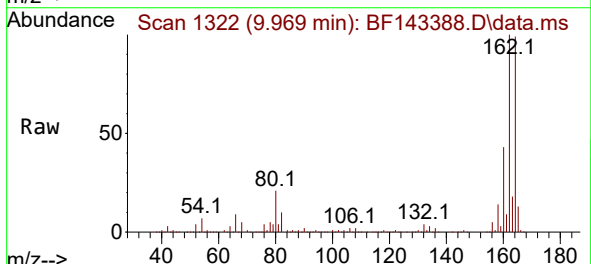
Tgt Ion:164 Resp: 299361

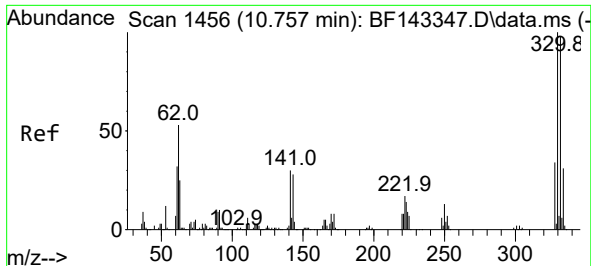
Ion Ratio Lower Upper

164 100

162 100.6 78.6 118.0

160 43.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 149.244 ng

RT: 10.757 min Scan# 1456

Delta R.T. -0.000 min

Lab File: BF143388.D

Acq: 14 Aug 2025 18:26

Instrument :

BNA_F

ClientSampleId :

TW-38M-N

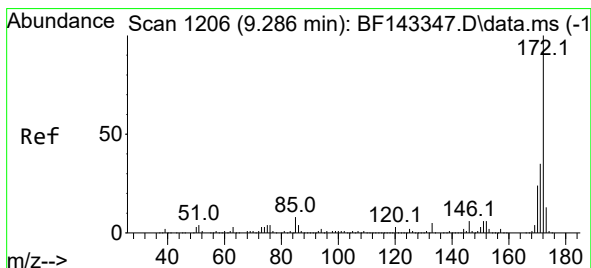
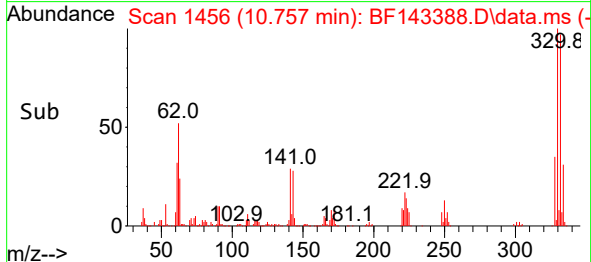
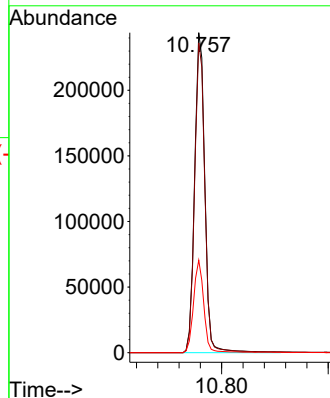
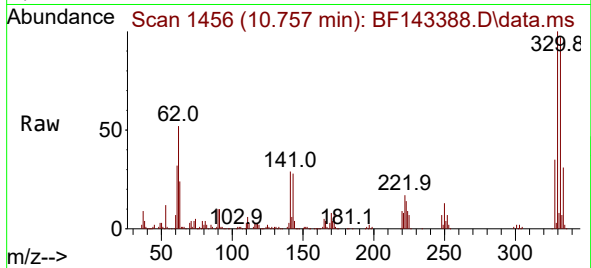
Tgt Ion:330 Resp: 326515

Ion Ratio Lower Upper

330 100

332 96.5 78.1 117.1

141 29.0 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 79.689 ng

RT: 9.286 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF143388.D

Acq: 14 Aug 2025 18:26

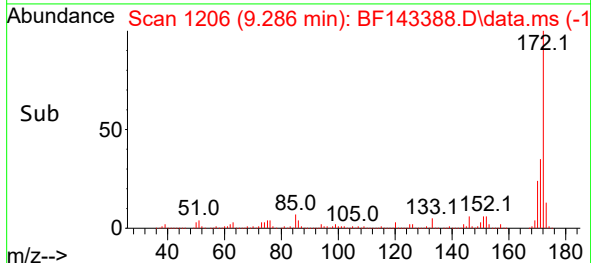
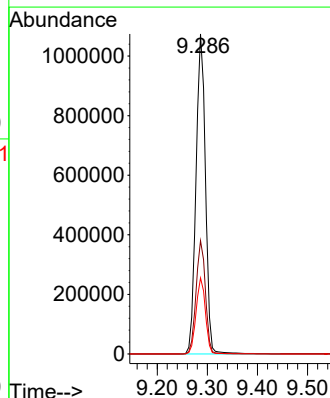
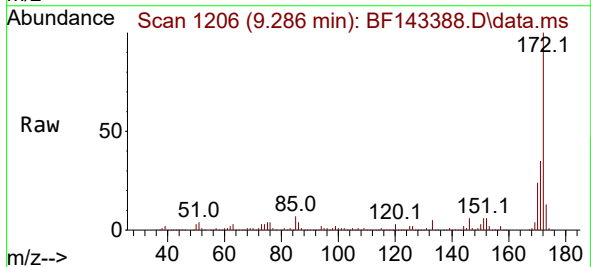
Tgt Ion:172 Resp: 1406789

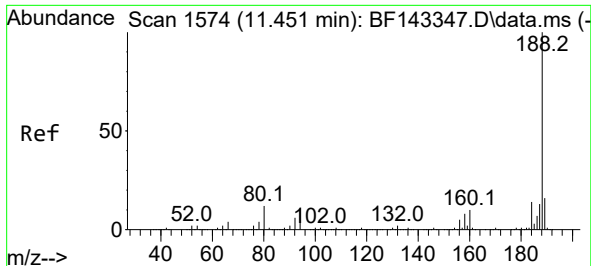
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

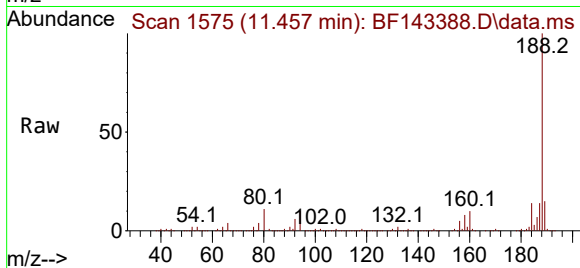
170 23.7 19.1 28.7



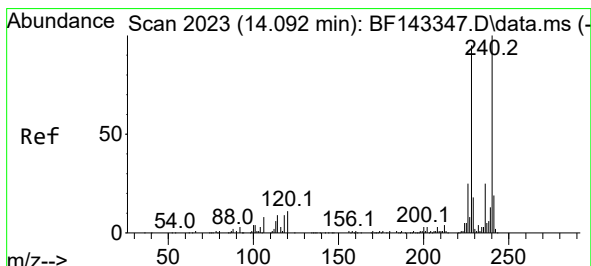
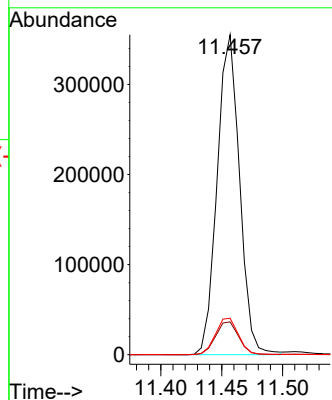
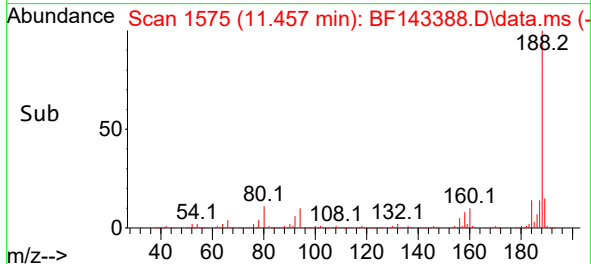


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143388.D
Acq: 14 Aug 2025 18:26

Instrument :
BNA_F
ClientSampleId :
TW-38M-N

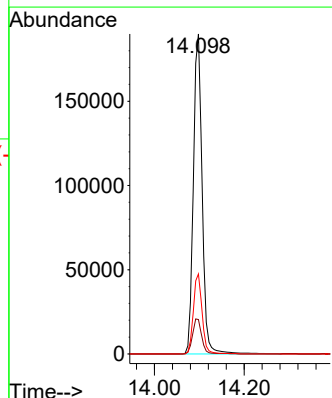
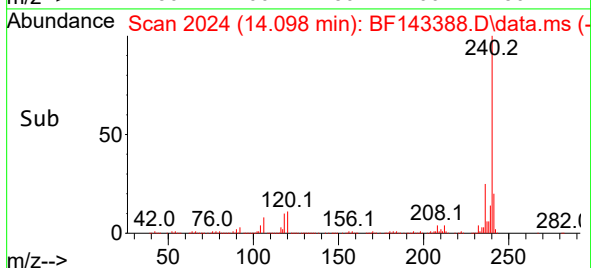
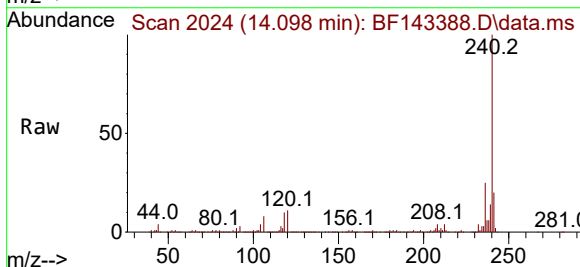


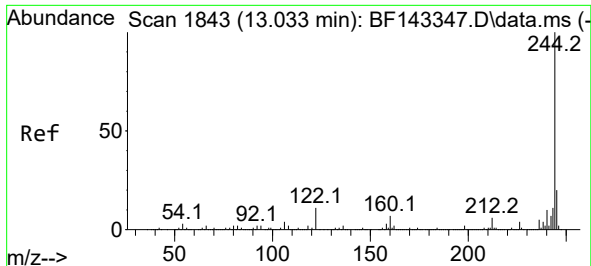
Tgt Ion:188 Resp: 455198
Ion Ratio Lower Upper
188 100
94 10.3 8.8 13.2
80 11.4 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF143388.D
Acq: 14 Aug 2025 18:26

Tgt Ion:240 Resp: 258169
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.6
236 25.0 19.9 29.9

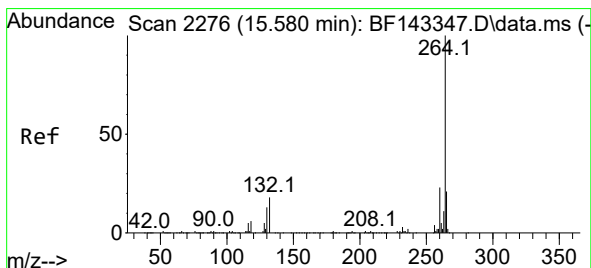
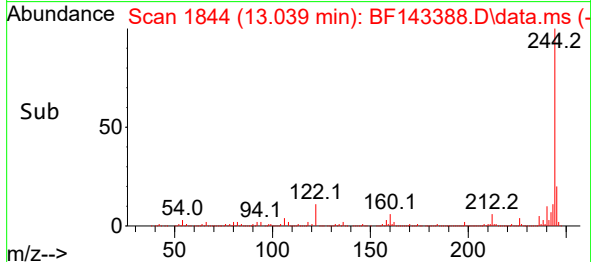
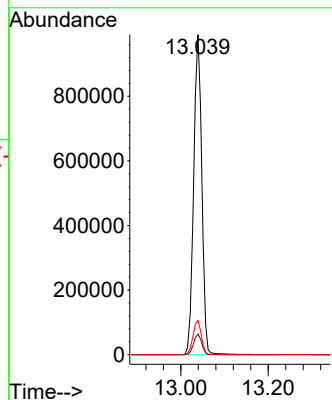
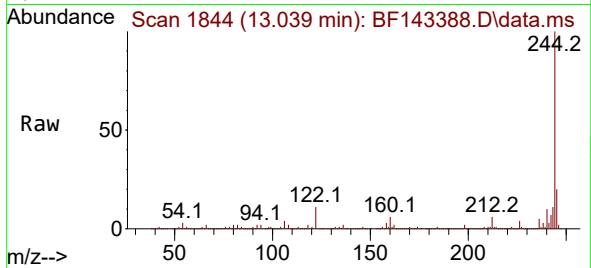




#79
 Terphenyl-d14
 Concen: 88.857 ng
 RT: 13.039 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF143388.D
 Acq: 14 Aug 2025 18:26

Instrument :
 BNA_F
 ClientSampleId :
 TW-38M-N

Tgt Ion:244 Resp: 1284914
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 10.7 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: BF143388.D
 Acq: 14 Aug 2025 18:26

Tgt Ion:264 Resp: 285769
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.1 17.2 25.8

