

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143386.D
 Acq On : 14 Aug 2025 17:26
 Operator : RC/JU
 Sample : Q2814-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-38M-E

Quant Time: Aug 14 18:06:44 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	141367	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	547406	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	290207	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	435103	20.000	ng	0.00
76) Chrysene-d12	14.098	240	245198	20.000	ng	0.00
86) Perylene-d12	15.592	264	276692	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	636257	77.829	ng	0.00
7) Phenol-d6	6.557	99	598640	57.104	ng	0.00
23) Nitrobenzene-d5	7.492	82	923972	105.112	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	373419	176.067	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1605990	93.842	ng	0.00
79) Terphenyl-d14	13.039	244	1404023	102.230	ng	0.00

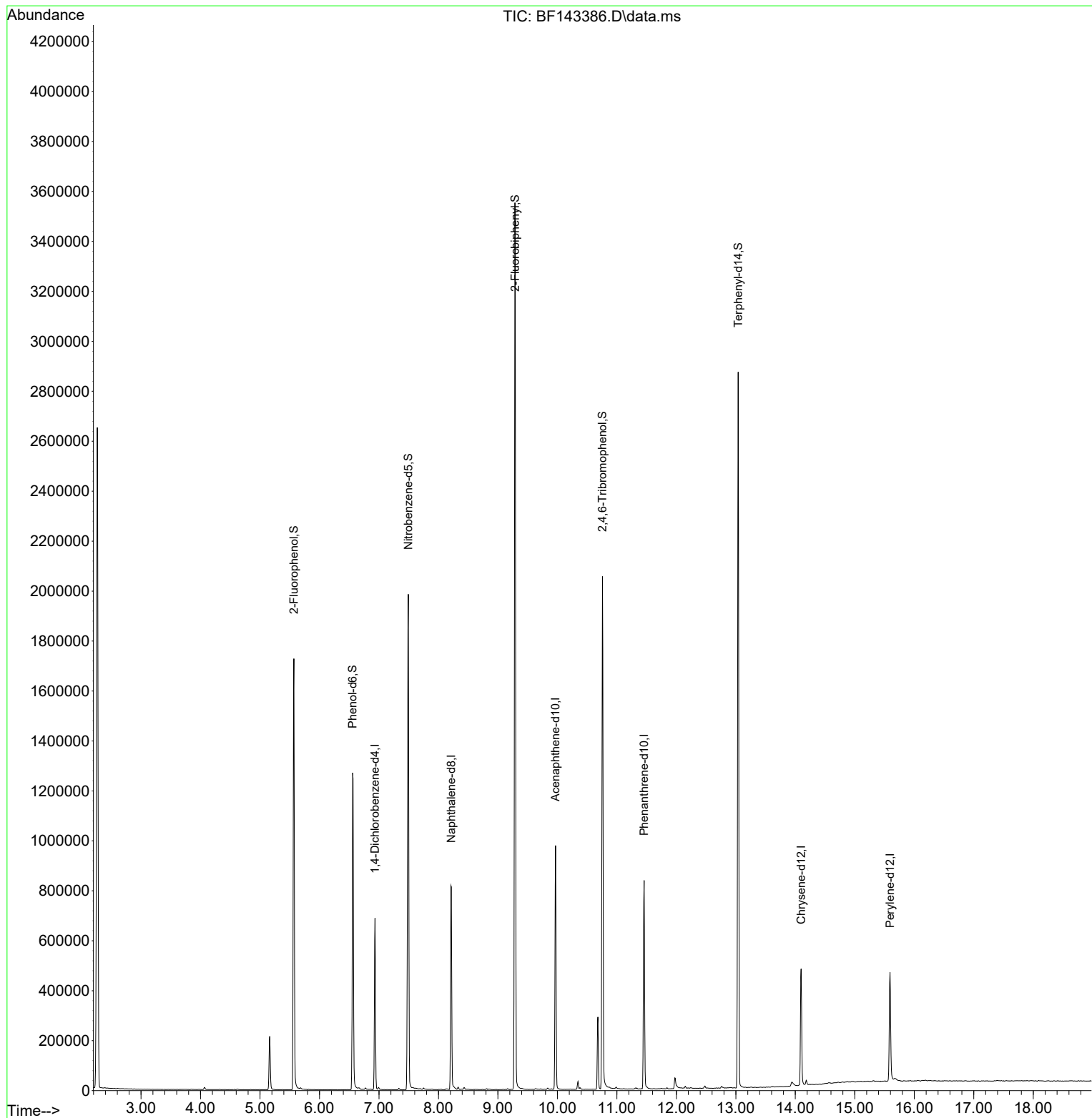
Target Compounds	Qvalue

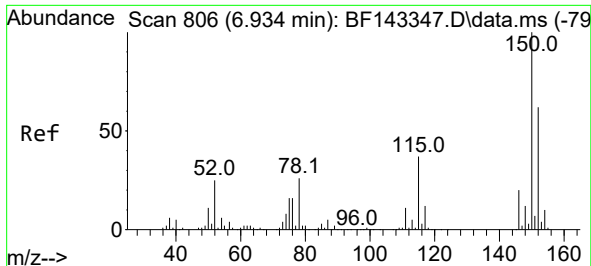
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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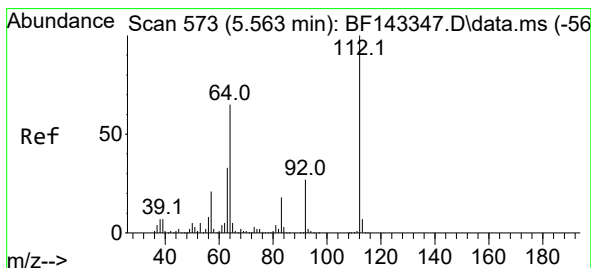
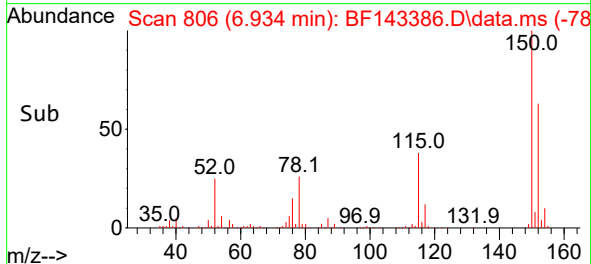
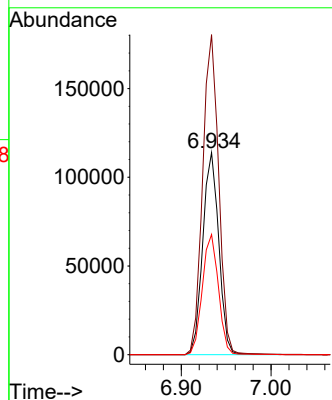
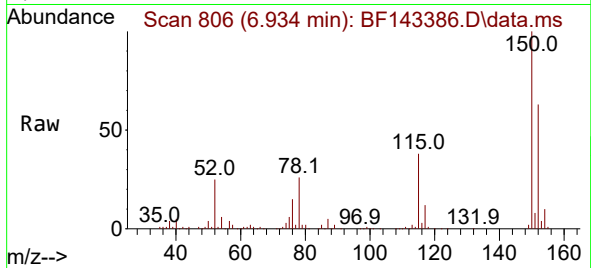




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF143386.D
Acq: 14 Aug 2025 17:26

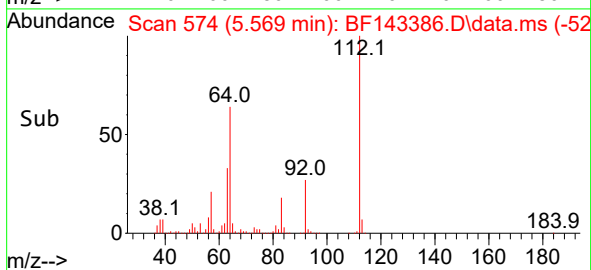
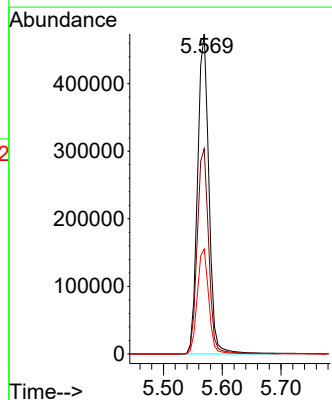
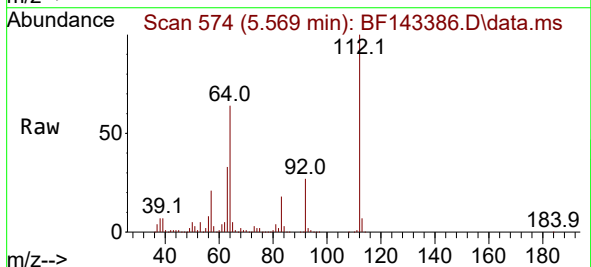
Instrument :
BNA_F
ClientSampleId :
TW-38M-E

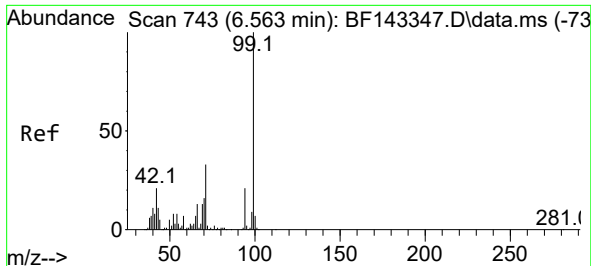
Tgt Ion:152 Resp: 141367
Ion Ratio Lower Upper
152 100
150 158.3 129.8 194.8
115 59.5 47.8 71.8



#5
2-Fluorophenol
Concen: 77.829 ng
RT: 5.569 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF143386.D
Acq: 14 Aug 2025 17:26

Tgt Ion:112 Resp: 636257
Ion Ratio Lower Upper
112 100
64 64.1 52.1 78.1
63 32.8 26.6 39.8

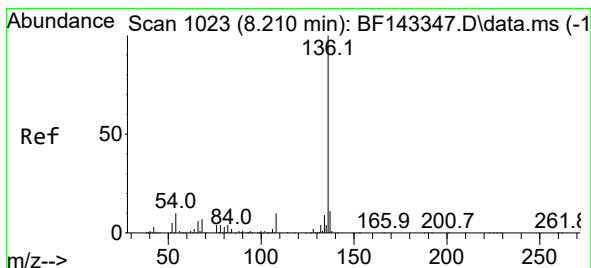
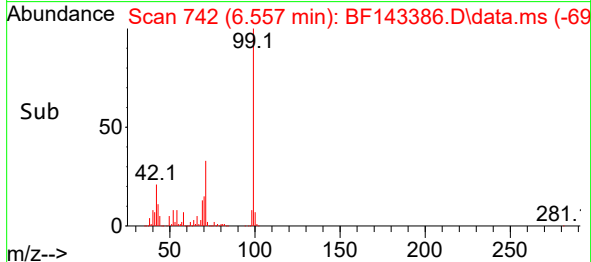
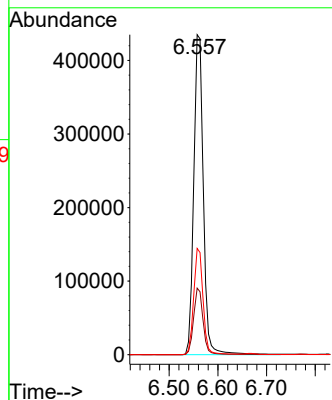
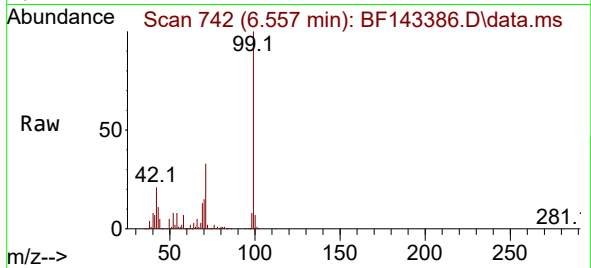




#7
Phenol-d6
Concen: 57.104 ng
RT: 6.557 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143386.D
Acq: 14 Aug 2025 17:26

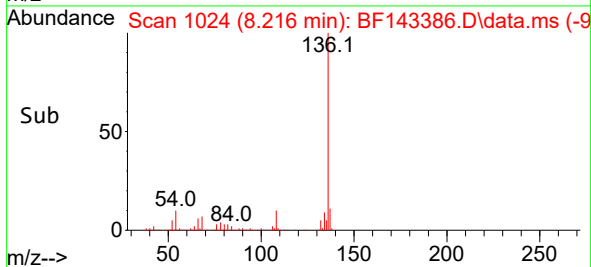
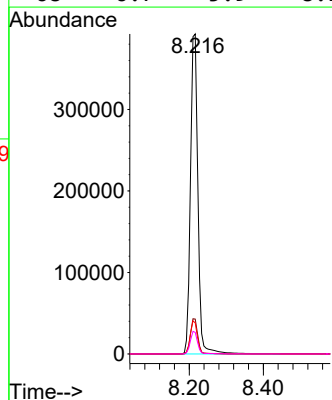
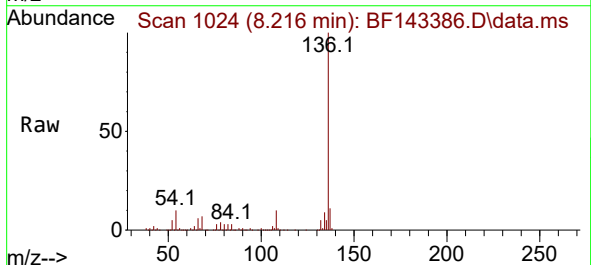
Instrument :
BNA_F
ClientSampleId :
TW-38M-E

Tgt Ion: 99 Resp: 598640
Ion Ratio Lower Upper
99 100
42 20.8 16.6 25.0
71 33.2 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: BF143386.D
Acq: 14 Aug 2025 17:26

Tgt Ion: 136 Resp: 547406
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.7 8.4 12.6
68 6.7 5.9 8.9





#23

Nitrobenzene-d5

Concen: 105.112 ng

RT: 7.492 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF143386.D

Acq: 14 Aug 2025 17:26

Instrument :

BNA_F

ClientSampleId :

TW-38M-E

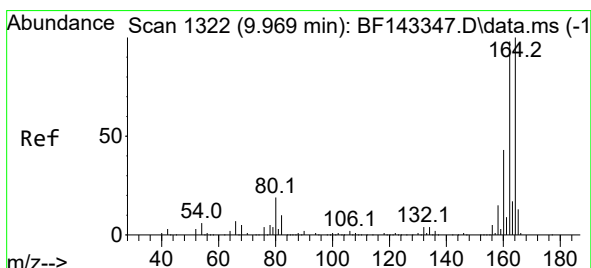
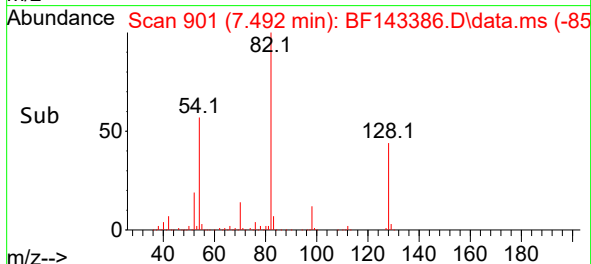
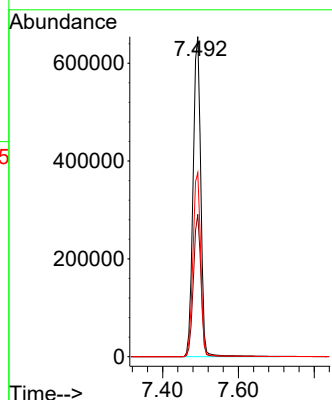
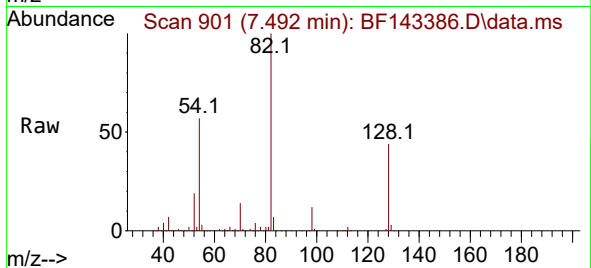
Tgt Ion: 82 Resp: 923972

Ion Ratio Lower Upper

82 100

128 44.4 33.5 50.3

54 57.5 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: BF143386.D

Acq: 14 Aug 2025 17:26

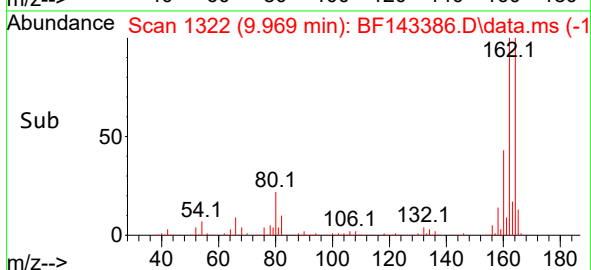
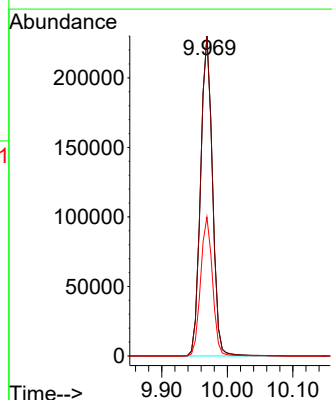
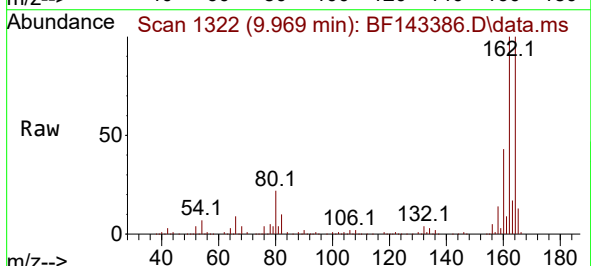
Tgt Ion:164 Resp: 290207

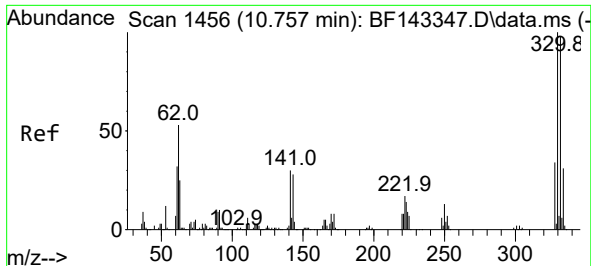
Ion Ratio Lower Upper

164 100

162 100.1 78.6 118.0

160 43.4 34.4 51.6

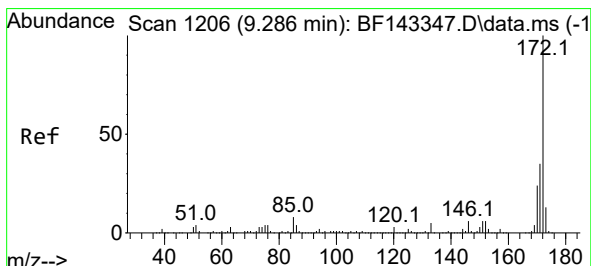
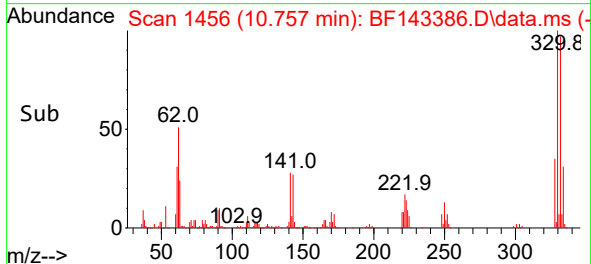
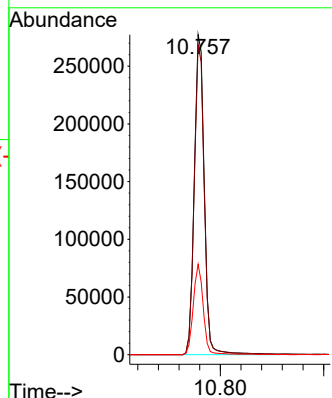
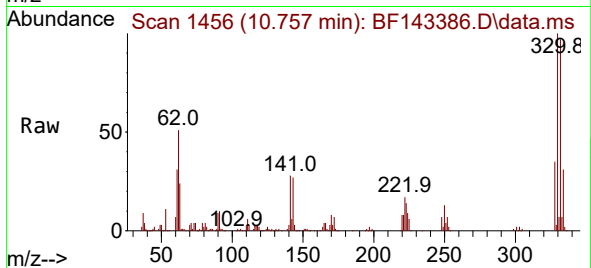




#42
2,4,6-Tribromophenol
Concen: 176.067 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF143386.D
Acq: 14 Aug 2025 17:26

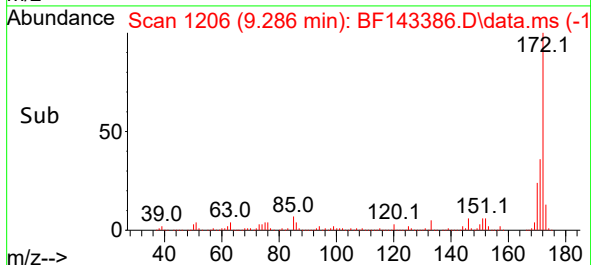
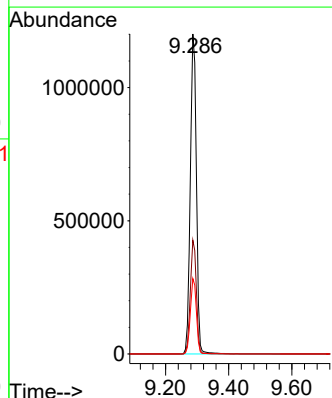
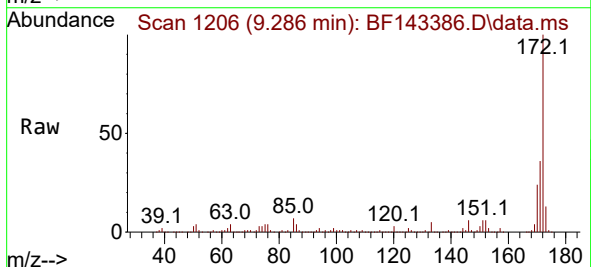
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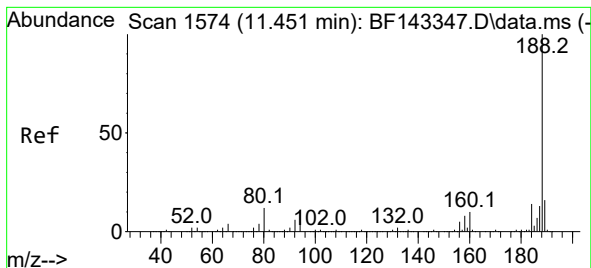
Tgt Ion:330 Resp: 373419
Ion Ratio Lower Upper
330 100
332 97.2 78.1 117.1
141 28.4 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 93.842 ng
RT: 9.286 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF143386.D
Acq: 14 Aug 2025 17:26

Tgt Ion:172 Resp: 1605990
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.6 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: BF143386.D

Acq: 14 Aug 2025 17:26

Instrument :

BNA_F

ClientSampleId :

TW-38M-E

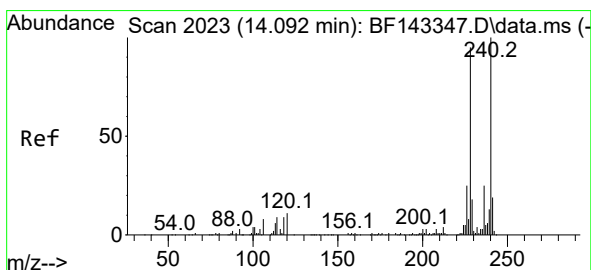
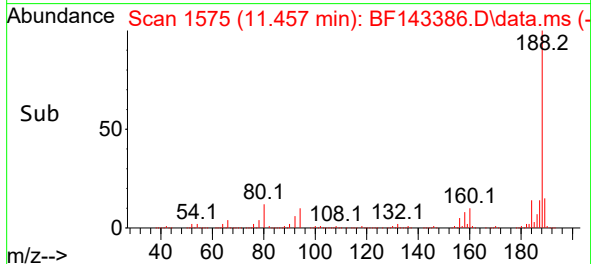
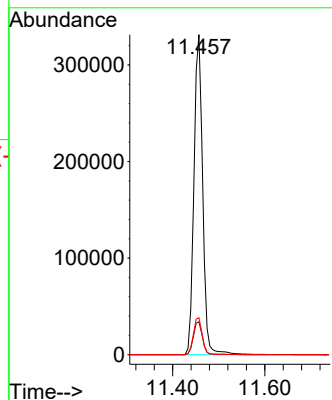
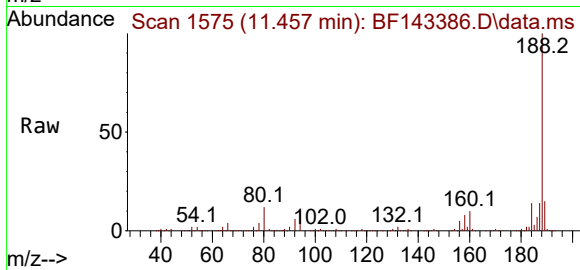
Tgt Ion:188 Resp: 435103

Ion Ratio Lower Upper

188 100

94 10.3 8.8 13.2

80 11.6 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: BF143386.D

Acq: 14 Aug 2025 17:26

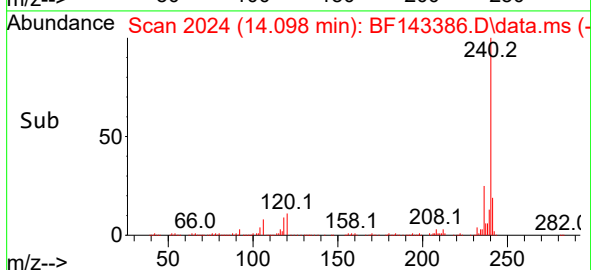
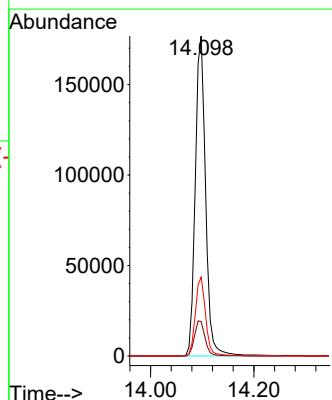
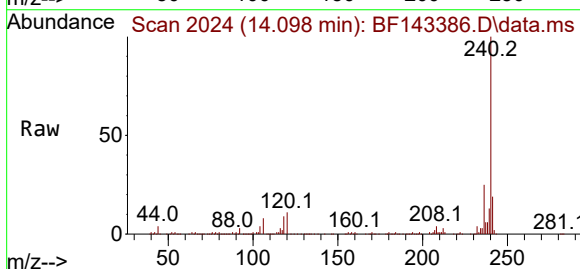
Tgt Ion:240 Resp: 245198

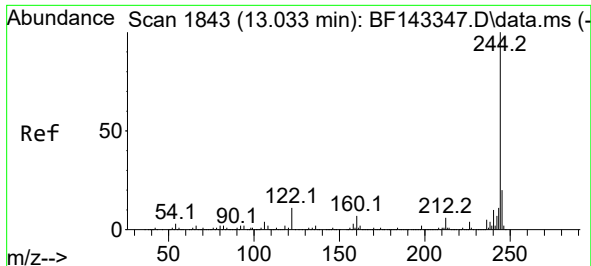
Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.6

236 24.6 19.9 29.9

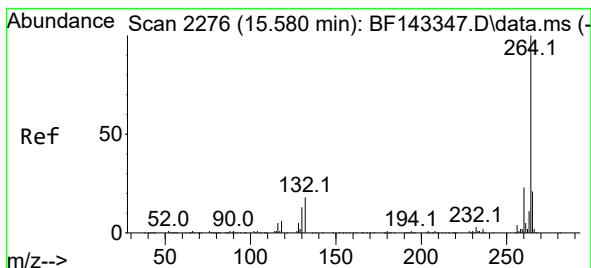
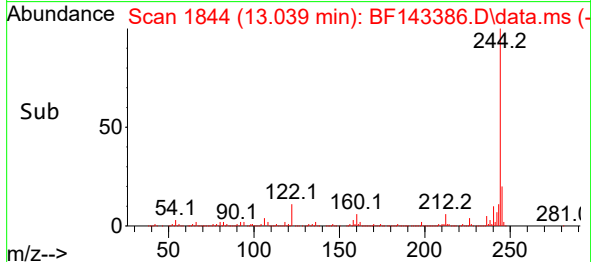
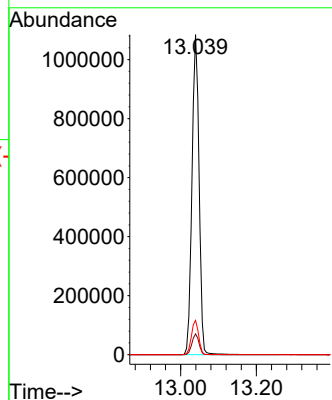
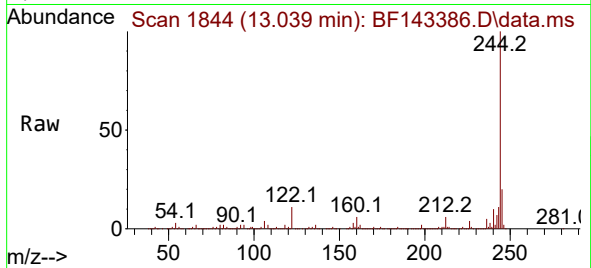




#79
 Terphenyl-d14
 Concen: 102.230 ng
 RT: 13.039 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143386.D
 Acq: 14 Aug 2025 17:26

Instrument :
 BNA_F
 ClientSampleId :
 TW-38M-E

Tgt Ion:244 Resp: 1404023
 Ion Ratio Lower Upper
 244 100
 212 6.5 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: BF143386.D
 Acq: 14 Aug 2025 17:26

Tgt Ion:264 Resp: 276692
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 20.9 17.2 25.8

