

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
 Data File : BF143366.D
 Acq On : 13 Aug 2025 10:30
 Operator : RC/JU
 Sample : PB169210BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169210BL

Quant Time: Aug 13 11:49:05 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	6.928	152	176496	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	674917	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	354793	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	604678	20.000	ng	0.00
76) Chrysene-d12	14.086	240	338429	20.000	ng	0.00
86) Perylene-d12	15.580	264	291238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1258691	123.323	ng	0.01
7) Phenol-d6	6.563	99	1573005	120.182	ng	0.00
23) Nitrobenzene-d5	7.487	82	1057171	97.544	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	429333	165.580	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1887149	90.197	ng	0.00
79) Terphenyl-d14	13.033	244	1911940	100.862	ng	0.00

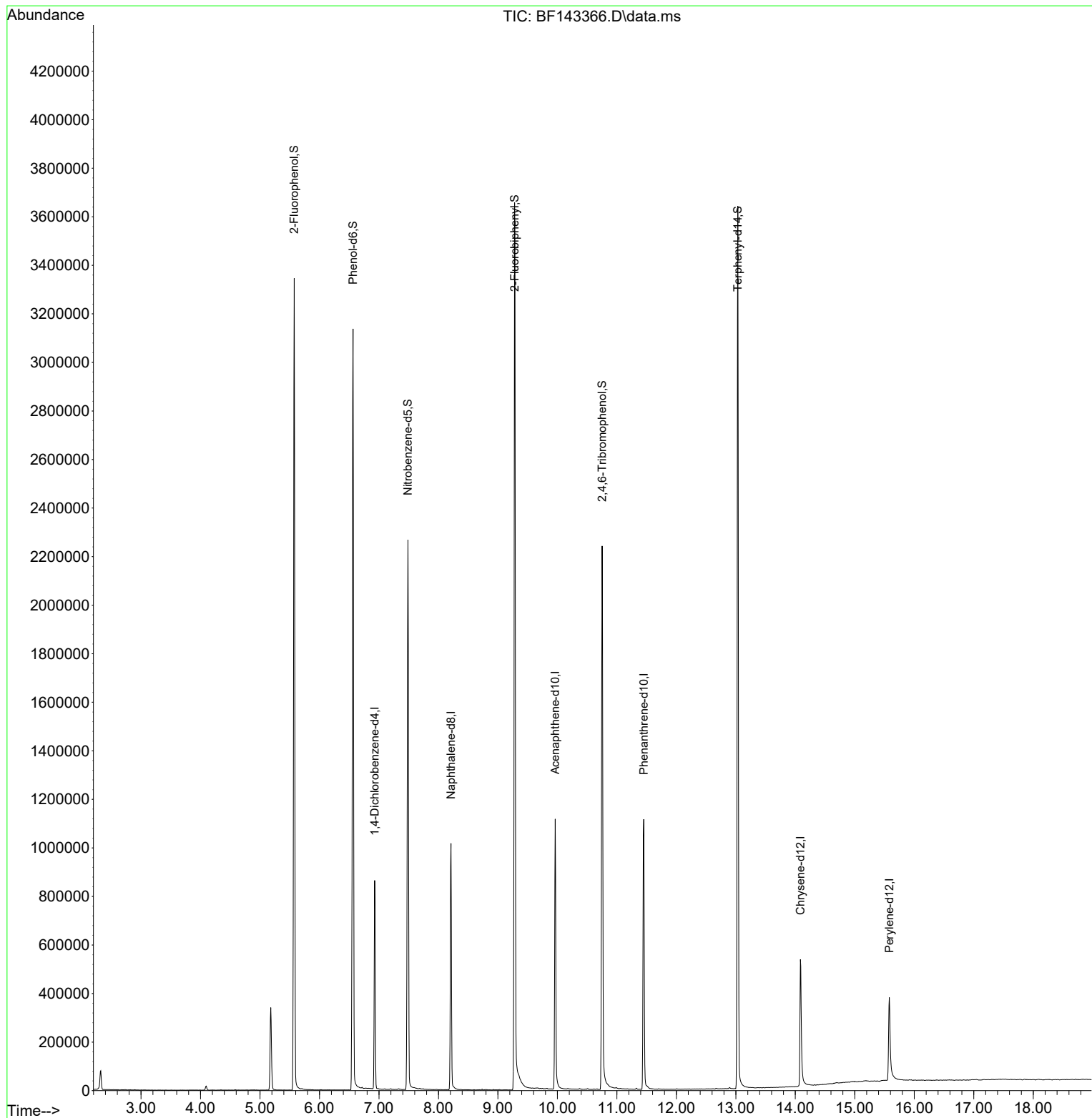
Target Compounds	Qvalue

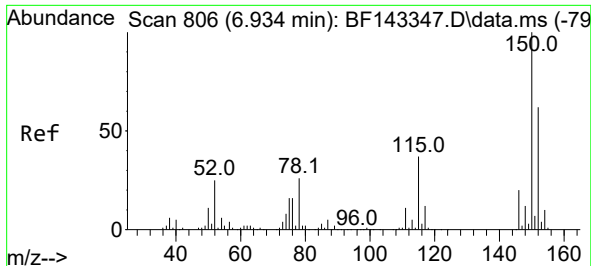
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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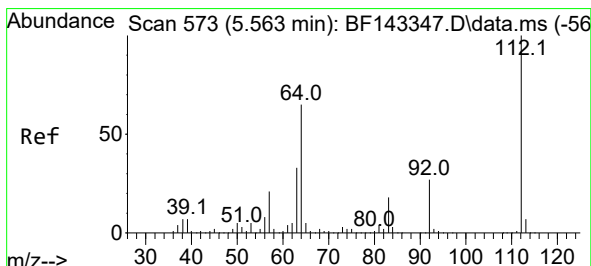
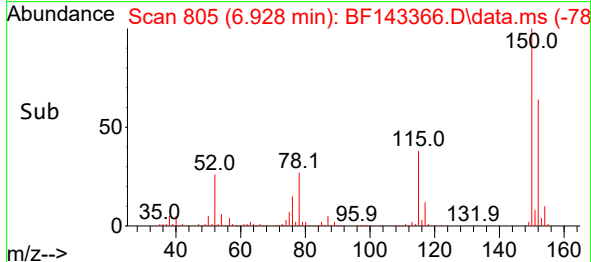
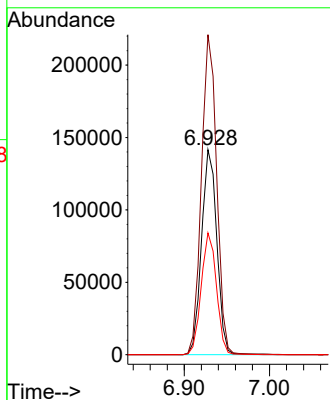
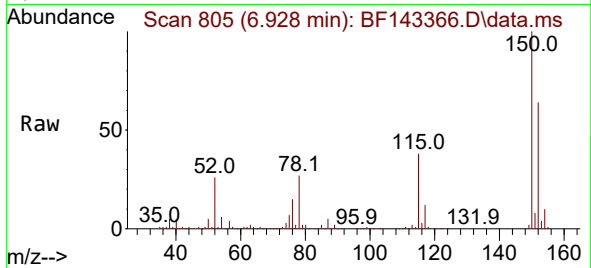




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

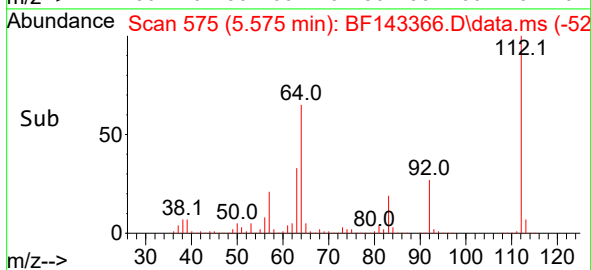
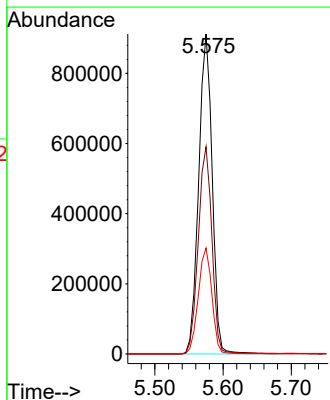
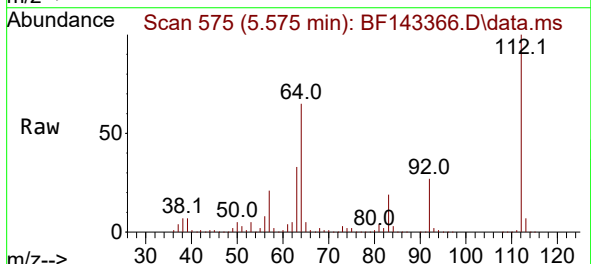
Instrument :
BNA_F
ClientSampleId :
PB169210BL

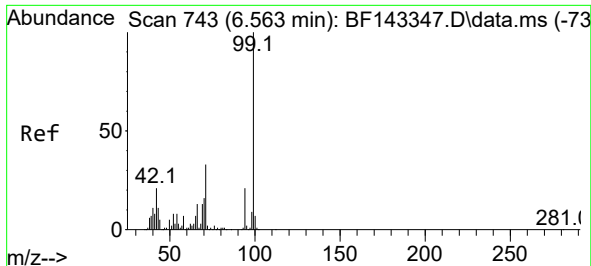
Tgt Ion:152 Resp: 176496
Ion Ratio Lower Upper
152 100
150 156.2 129.8 194.8
115 59.4 47.8 71.8



#5
2-Fluorophenol
Concen: 123.323 ng
RT: 5.575 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Tgt Ion:112 Resp: 1258691
Ion Ratio Lower Upper
112 100
64 64.8 52.1 78.1
63 33.1 26.6 39.8

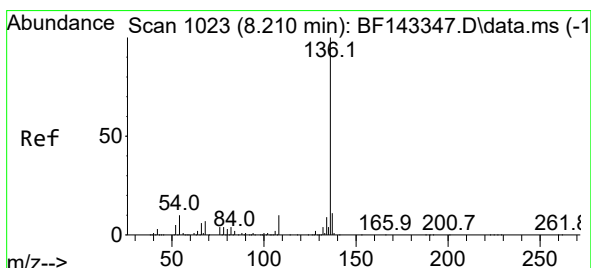
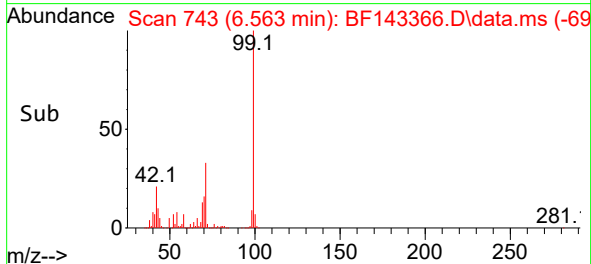
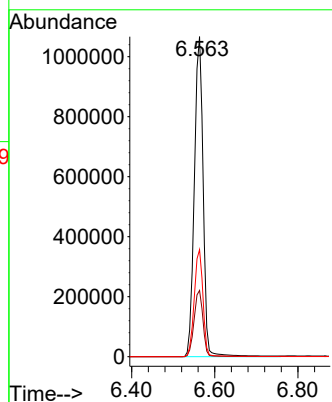
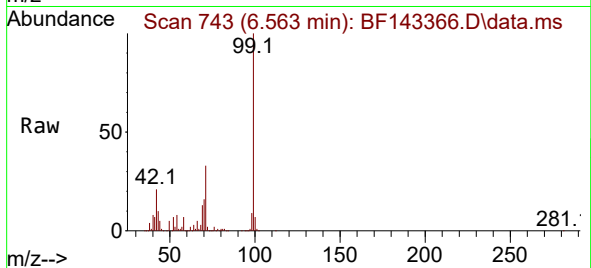




#7
Phenol-d6
Concen: 120.182 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

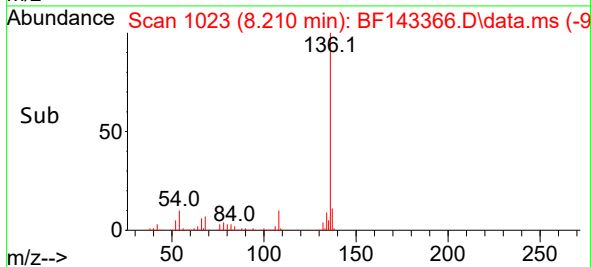
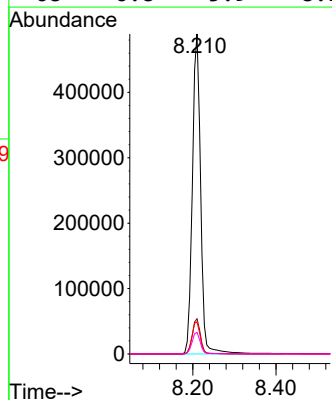
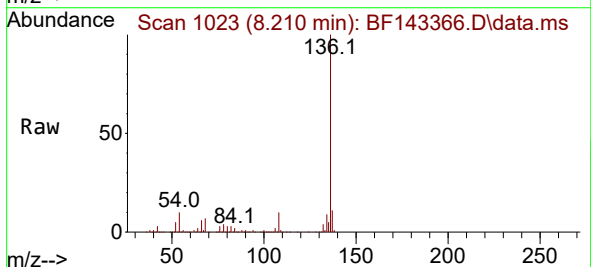
Instrument :
BNA_F
ClientSampleId :
PB169210BL

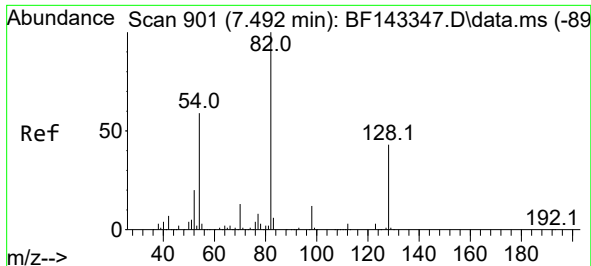
Tgt Ion: 99 Resp: 1573005
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 33.5 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Tgt Ion: 136 Resp: 674917
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.0 8.4 12.6
68 6.8 5.9 8.9





#23

Nitrobenzene-d5

Concen: 97.544 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF143366.D

Acq: 13 Aug 2025 10:30

Instrument :

BNA_F

ClientSampleId :

PB169210BL

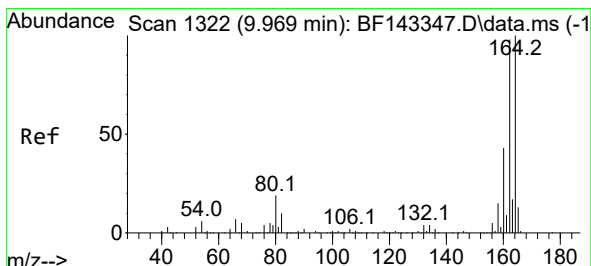
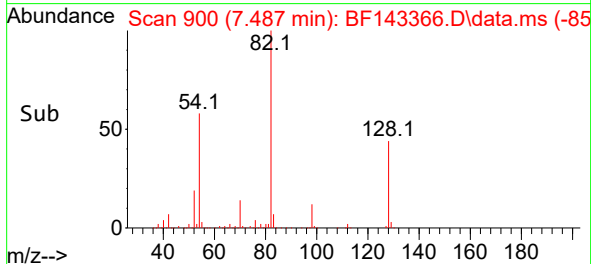
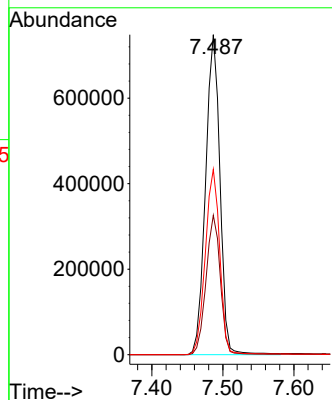
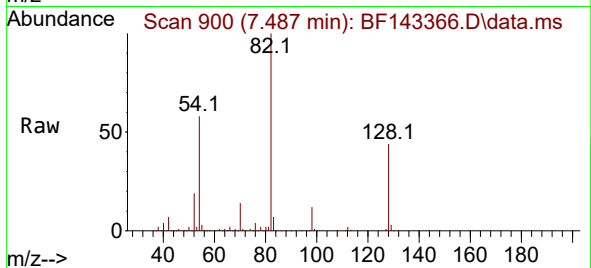
Tgt Ion: 82 Resp: 1057171

Ion Ratio Lower Upper

82 100

128 43.6 33.5 50.3

54 57.9 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF143366.D

Acq: 13 Aug 2025 10:30

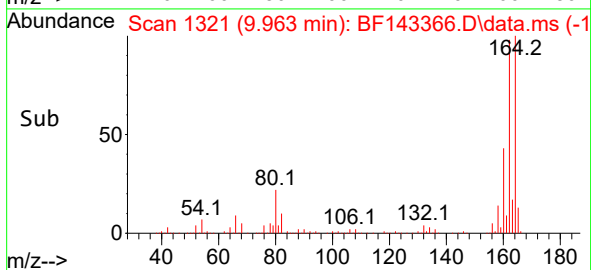
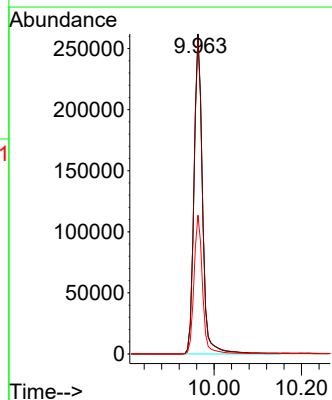
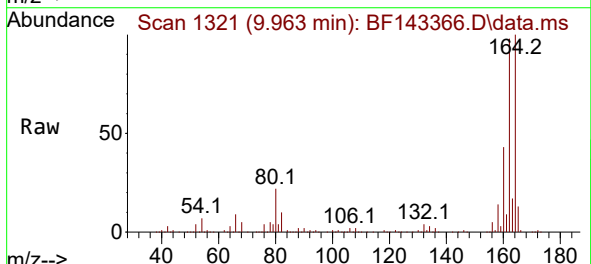
Tgt Ion:164 Resp: 354793

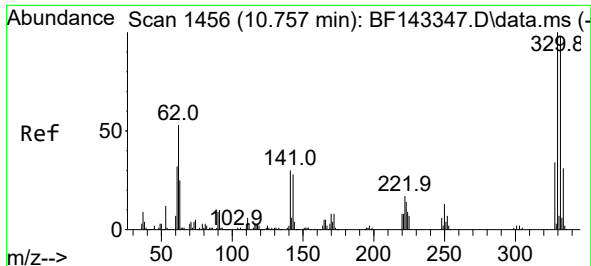
Ion Ratio Lower Upper

164 100

162 98.3 78.6 118.0

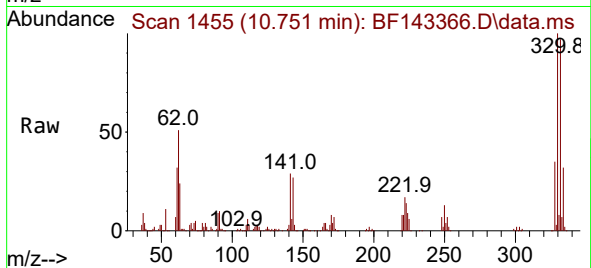
160 43.3 34.4 51.6



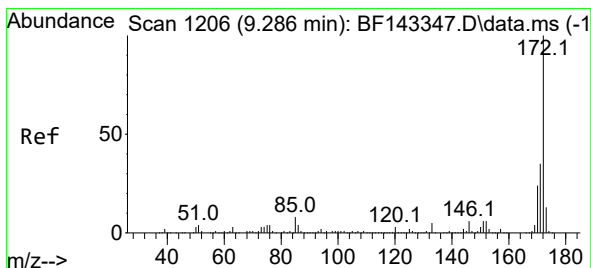
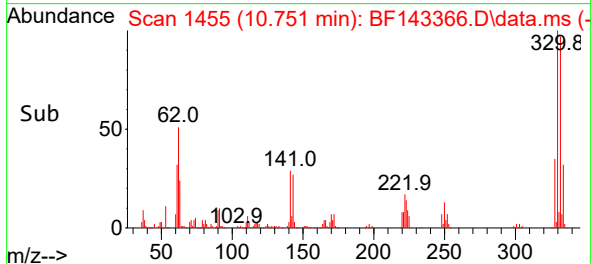
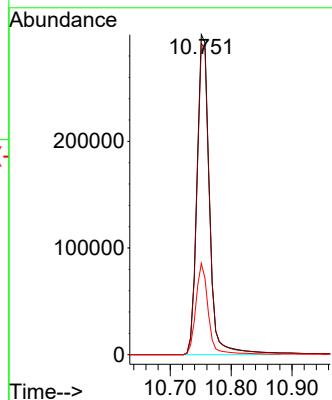


#42
2,4,6-Tribromophenol
Concen: 165.580 ng
RT: 10.751 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Instrument :
BNA_F
ClientSampleId :
PB169210BL

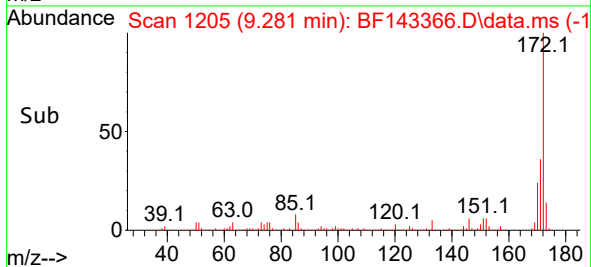
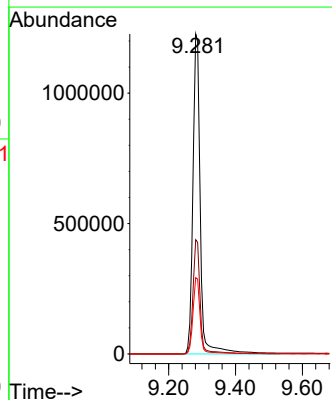
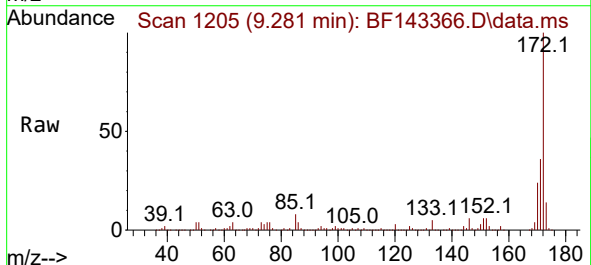


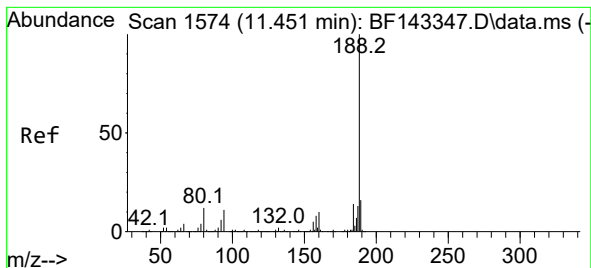
Tgt Ion:330 Resp: 429333
Ion Ratio Lower Upper
330 100
332 98.6 78.1 117.1
141 28.6 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 90.197 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Tgt Ion:172 Resp: 1887149
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.8 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143366.D

Acq: 13 Aug 2025 10:30

Instrument :

BNA_F

ClientSampleId :

PB169210BL

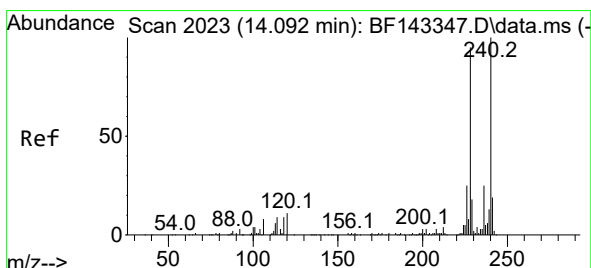
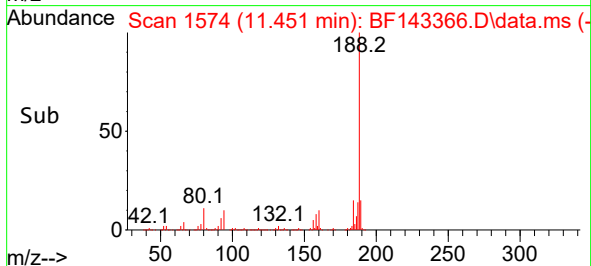
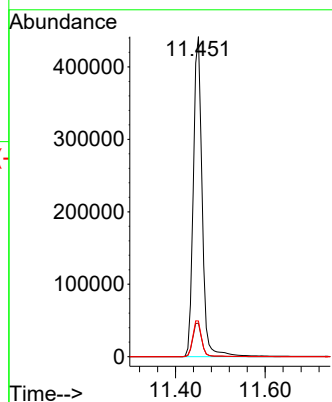
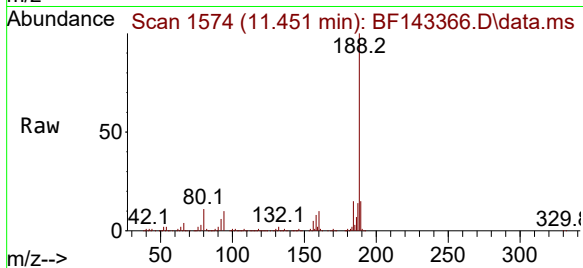
Tgt Ion:188 Resp: 604678

Ion Ratio Lower Upper

188 100

94 10.4 8.8 13.2

80 11.1 9.7 14.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF143366.D

Acq: 13 Aug 2025 10:30

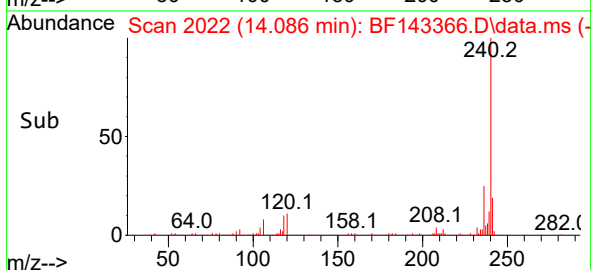
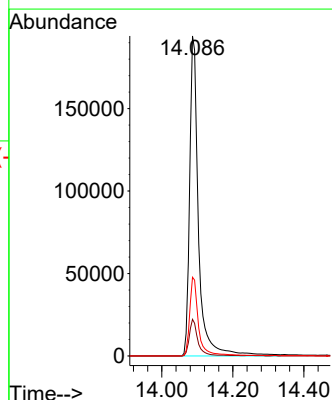
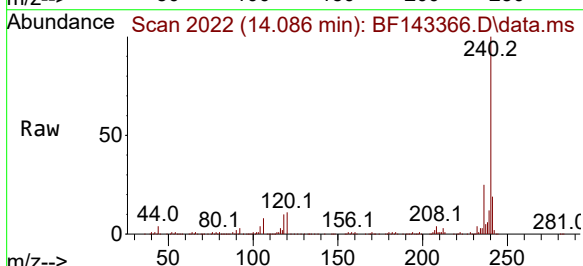
Tgt Ion:240 Resp: 338429

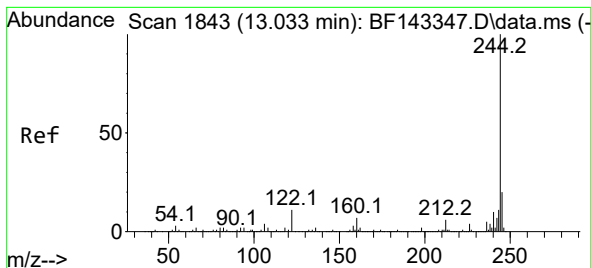
Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.6

236 24.6 19.9 29.9





#79

Terphenyl-d14

Concen: 100.862 ng

RT: 13.033 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143366.D

Acq: 13 Aug 2025 10:30

Instrument :

BNA_F

ClientSampleId :

PB169210BL

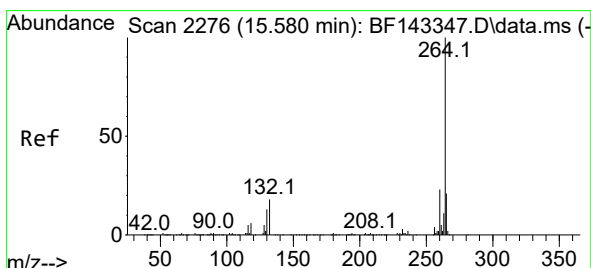
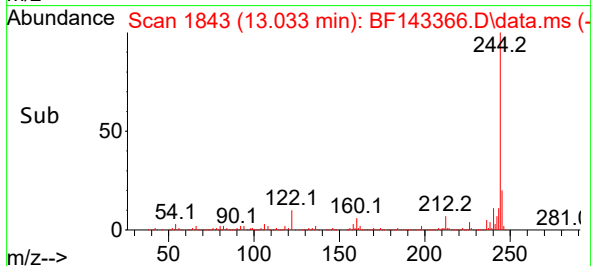
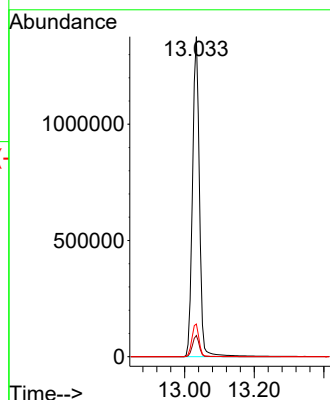
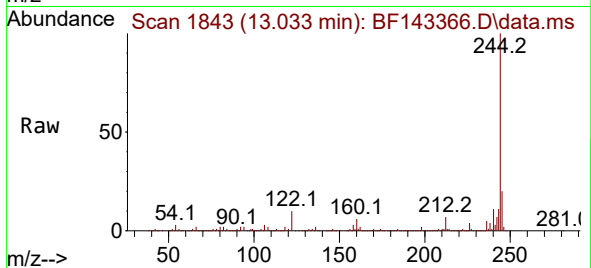
Tgt Ion:244 Resp: 1911940

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 10.2 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2276

Delta R.T. -0.000 min

Lab File: BF143366.D

Acq: 13 Aug 2025 10:30

Tgt Ion:264 Resp: 291238

Ion Ratio Lower Upper

264 100

260 22.2 18.7 28.1

265 20.9 17.2 25.8

