

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143378.D
 Acq On : 14 Aug 2025 13:25
 Operator : RC/JU
 Sample : PB169223BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169223BL

Quant Time: Aug 14 13:47:43 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	154726	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	596838	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	323008	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	521634	20.000	ng	0.00
76) Chrysene-d12	14.098	240	333271	20.000	ng	0.00
86) Perylene-d12	15.592	264	283492	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1089189	121.731	ng	0.01
7) Phenol-d6	6.563	99	1377178	120.025	ng	0.00
23) Nitrobenzene-d5	7.487	82	895271	93.412	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	375791	159.192	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1613674	84.716	ng	0.00
79) Terphenyl-d14	13.039	244	1682986	90.158	ng	0.00

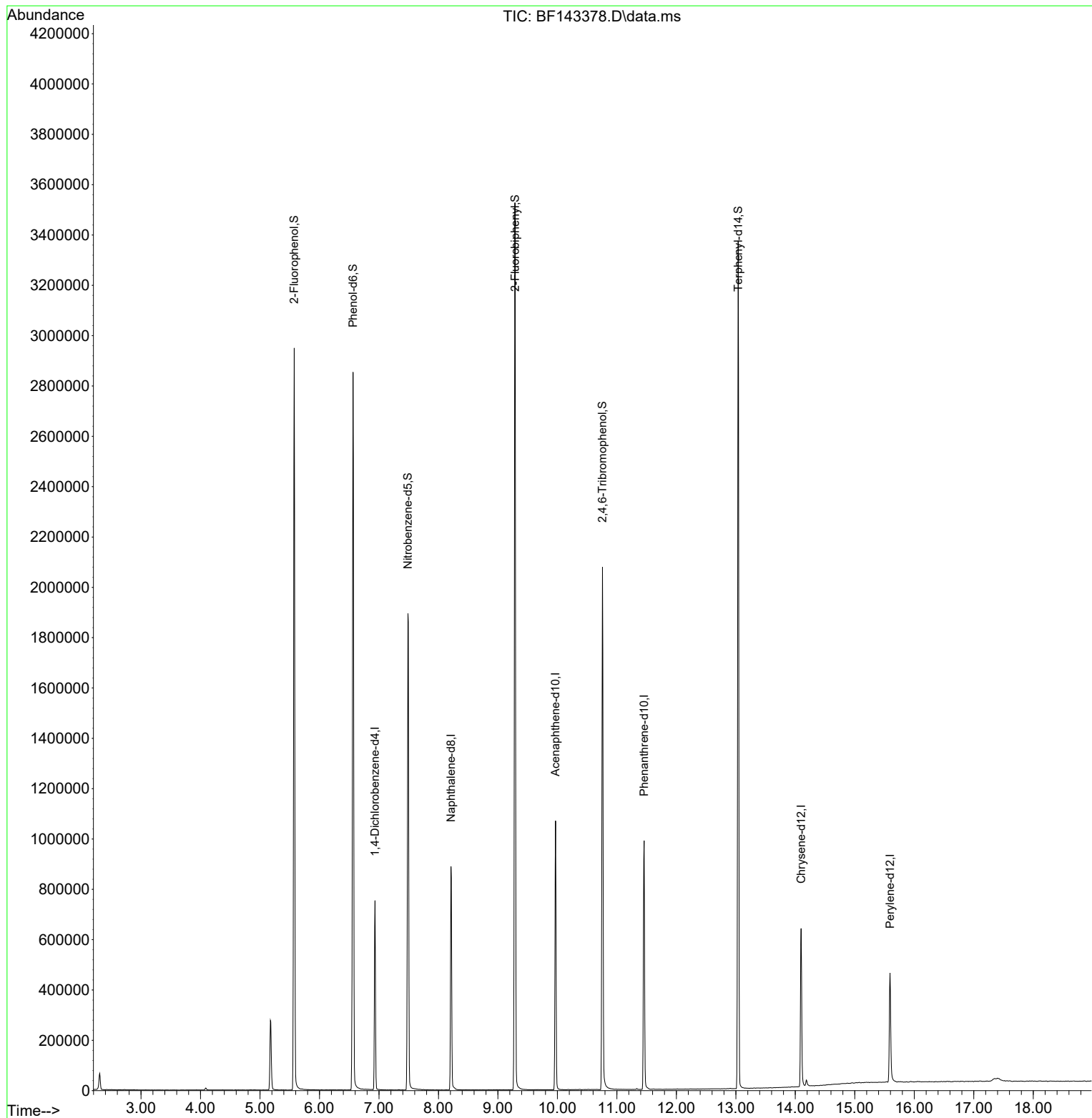
Target Compounds	Qvalue

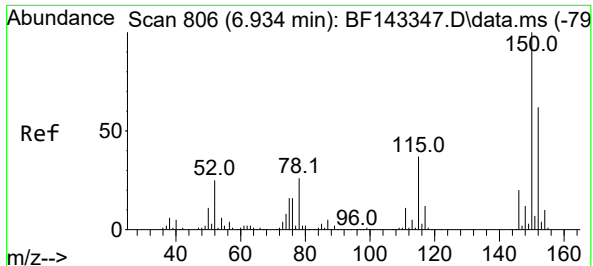
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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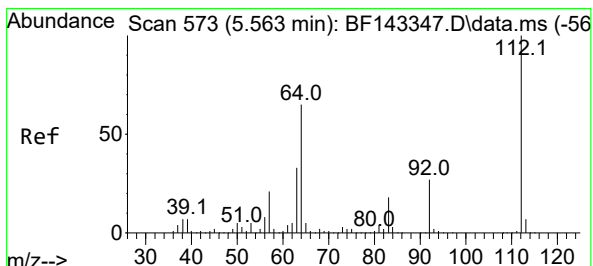
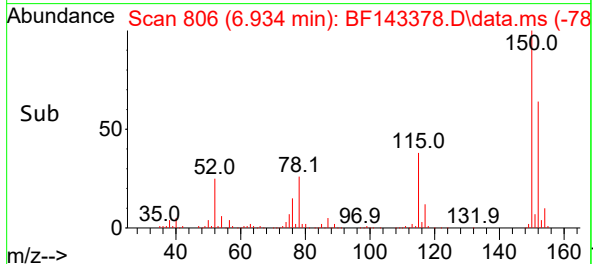
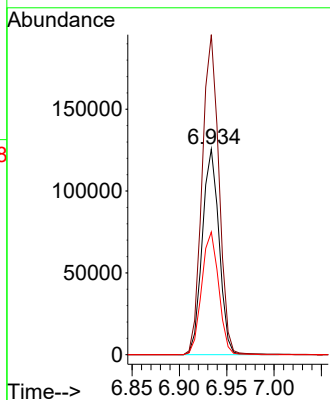
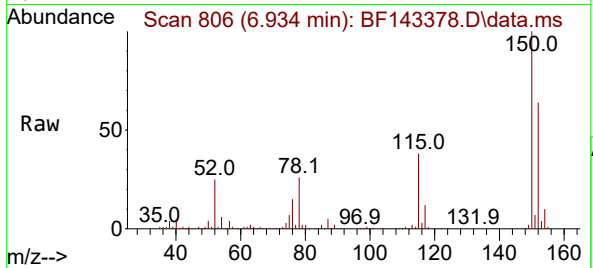




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.934 min Scan# 806
 Delta R.T. -0.000 min
 Lab File: BF143378.D
 Acq: 14 Aug 2025 13:25

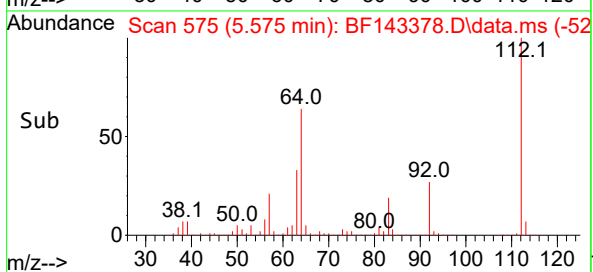
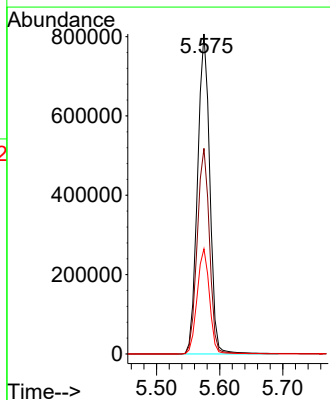
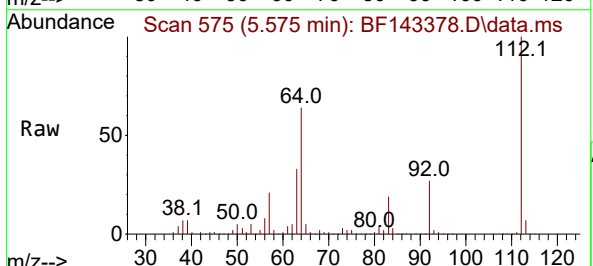
Instrument :
 BNA_F
 ClientSampleId :
 PB169223BL

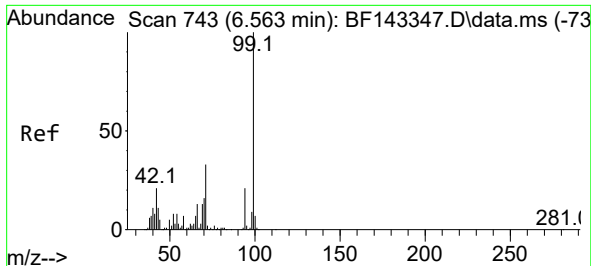
Tgt Ion:152 Resp: 154726
 Ion Ratio Lower Upper
 152 100
 150 155.6 129.8 194.8
 115 59.7 47.8 71.8



#5
 2-Fluorophenol
 Concen: 121.731 ng
 RT: 5.575 min Scan# 575
 Delta R.T. 0.012 min
 Lab File: BF143378.D
 Acq: 14 Aug 2025 13:25

Tgt Ion:112 Resp: 1089189
 Ion Ratio Lower Upper
 112 100
 64 64.2 52.1 78.1
 63 32.8 26.6 39.8

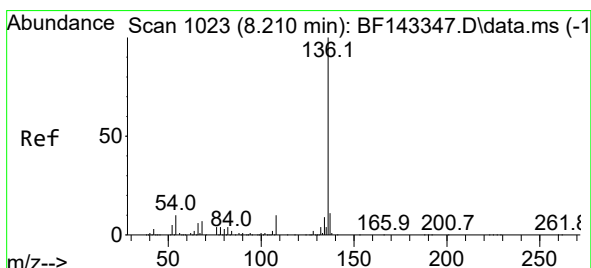
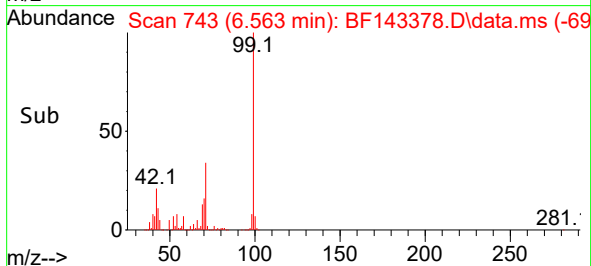
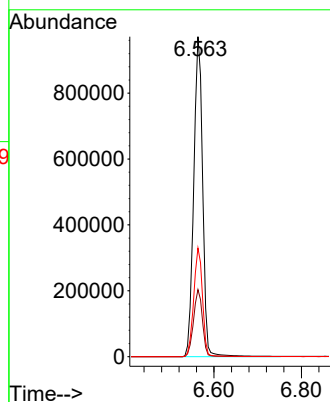
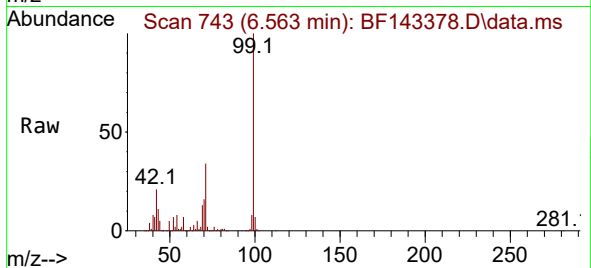




#7
Phenol-d6
Concen: 120.025 ng
RT: 6.563 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF143378.D
Acq: 14 Aug 2025 13:25

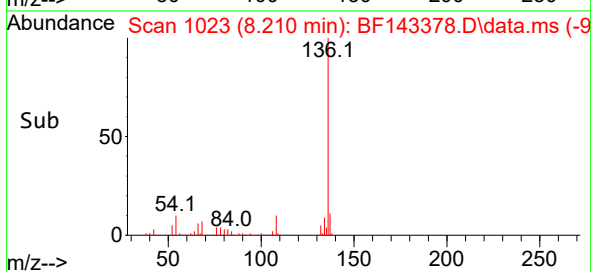
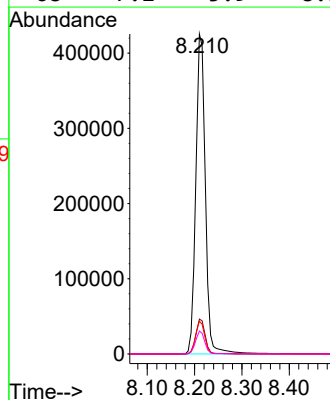
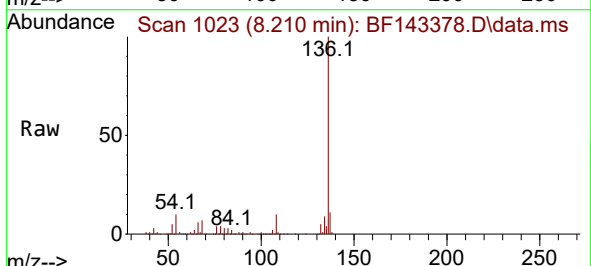
Instrument :
BNA_F
ClientSampleId :
PB169223BL

Tgt Ion: 99 Resp: 1377178
Ion Ratio Lower Upper
99 100
42 21.0 16.6 25.0
71 33.9 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: BF143378.D
Acq: 14 Aug 2025 13:25

Tgt Ion: 136 Resp: 596838
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.2 8.4 12.6
68 7.2 5.9 8.9





#23

Nitrobenzene-d5

Concen: 93.412 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF143378.D

Acq: 14 Aug 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB169223BL

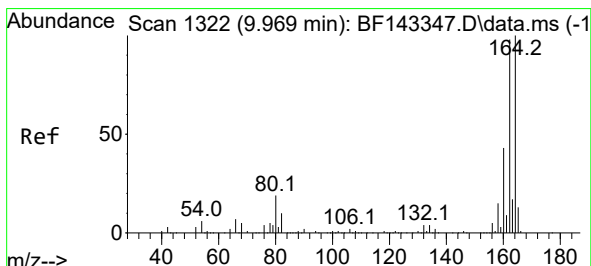
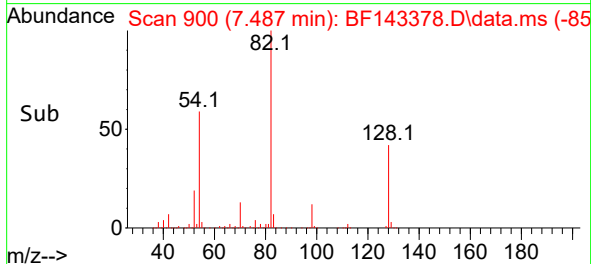
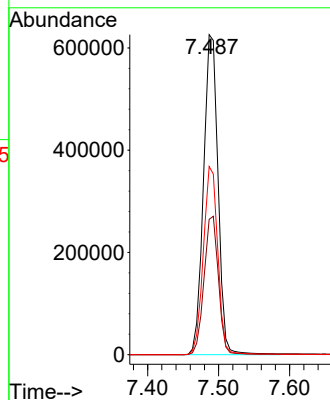
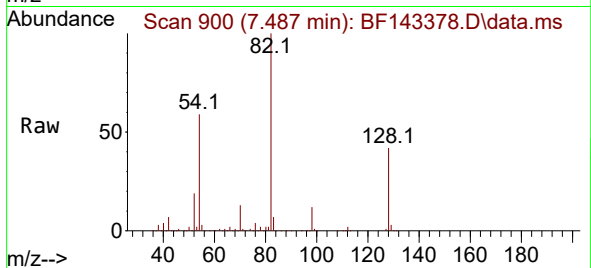
Tgt Ion: 82 Resp: 895271

Ion Ratio Lower Upper

82 100

128 42.3 33.5 50.3

54 58.8 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: BF143378.D

Acq: 14 Aug 2025 13:25

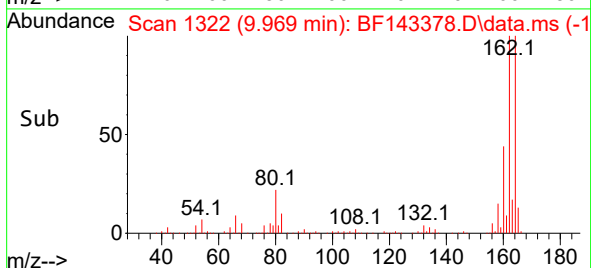
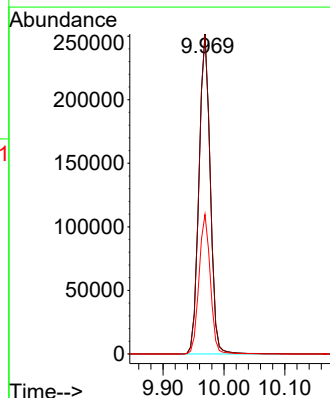
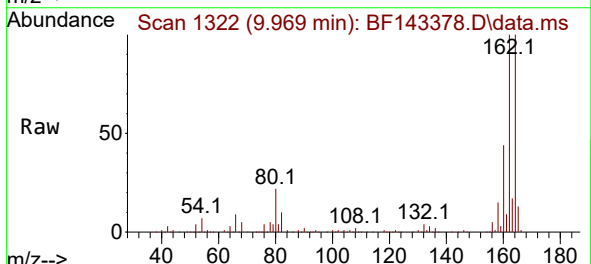
Tgt Ion:164 Resp: 323008

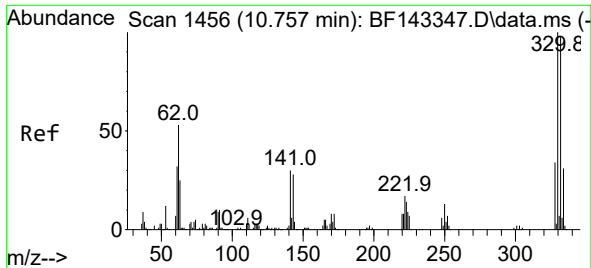
Ion Ratio Lower Upper

164 100

162 99.8 78.6 118.0

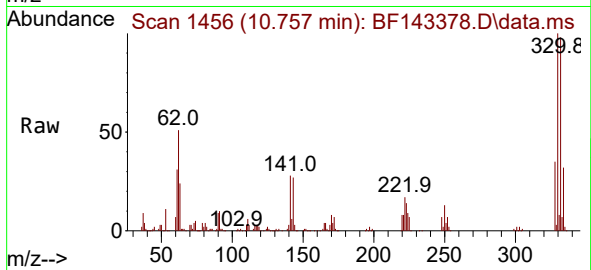
160 43.6 34.4 51.6



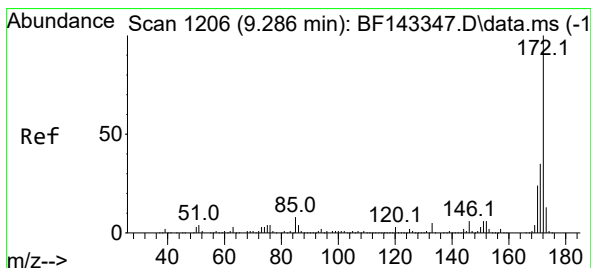
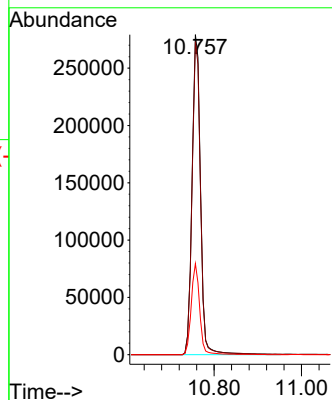
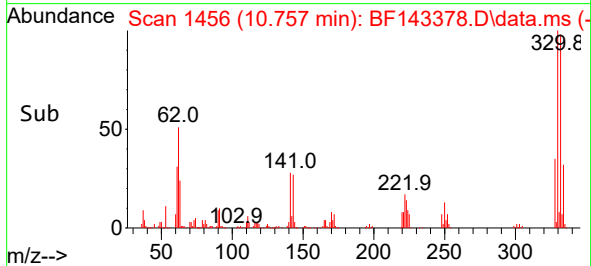


#42
2,4,6-Tribromophenol
Concen: 159.192 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF143378.D
Acq: 14 Aug 2025 13:25

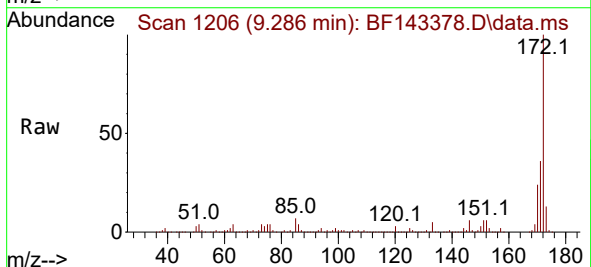
Instrument :
BNA_F
ClientSampleId :
PB169223BL



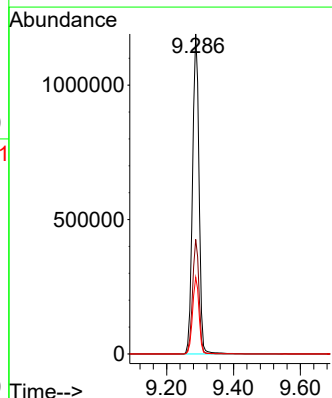
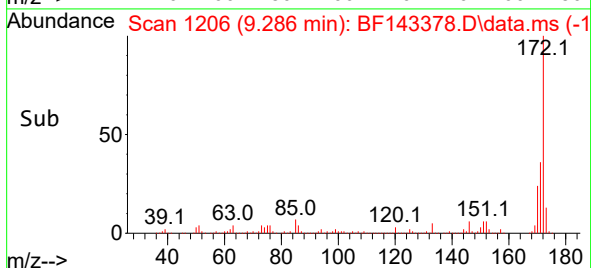
Tgt Ion:330 Resp: 375791
Ion Ratio Lower Upper
330 100
332 97.5 78.1 117.1
141 28.4 25.4 38.0

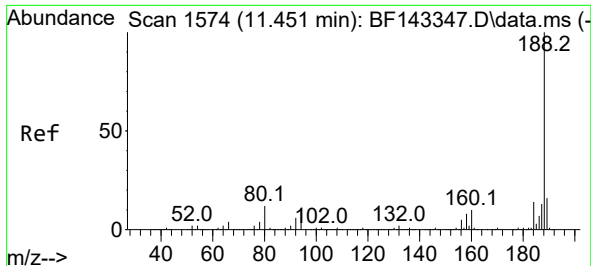


#45
2-Fluorobiphenyl
Concen: 84.716 ng
RT: 9.286 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF143378.D
Acq: 14 Aug 2025 13:25



Tgt Ion:172 Resp: 1613674
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.0 19.1 28.7

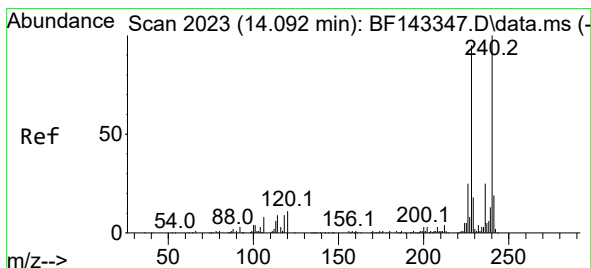
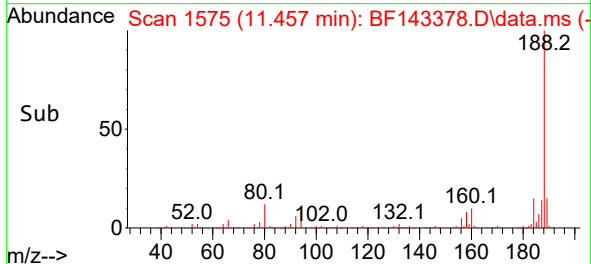
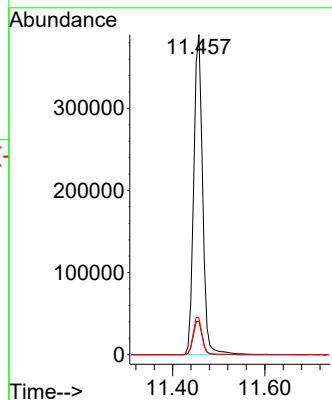
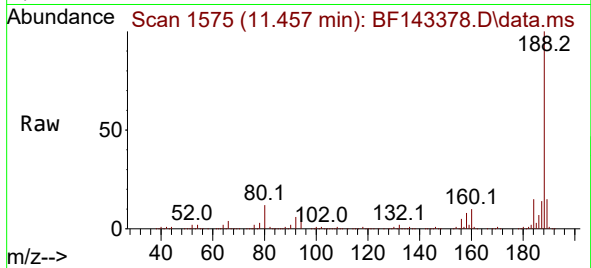




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143378.D
Acq: 14 Aug 2025 13:25

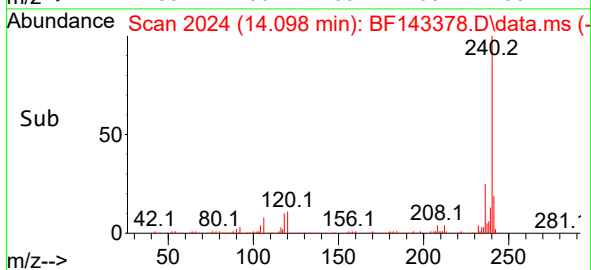
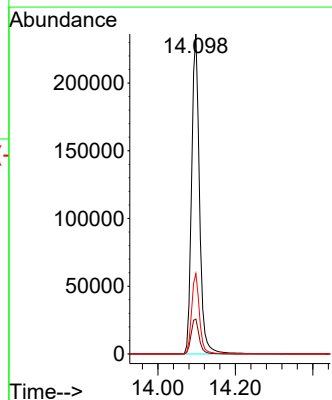
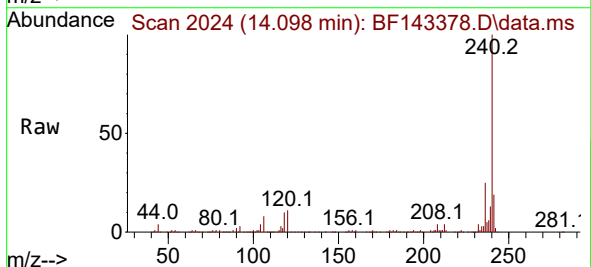
Instrument :
BNA_F
ClientSampleId :
PB169223BL

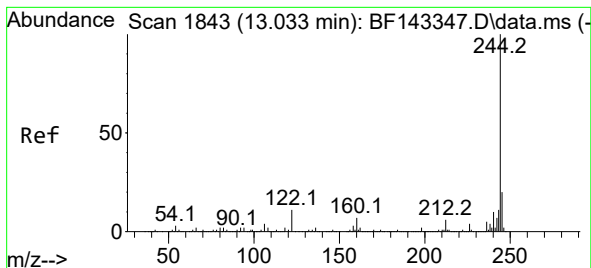
Tgt Ion:188 Resp: 521634
Ion Ratio Lower Upper
188 100
94 10.4 8.8 13.2
80 11.6 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF143378.D
Acq: 14 Aug 2025 13:25

Tgt Ion:240 Resp: 333271
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.6
236 25.1 19.9 29.9





#79

Terphenyl-d14

Concen: 90.158 ng

RT: 13.039 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143378.D

Acq: 14 Aug 2025 13:25

Instrument :

BNA_F

ClientSampleId :

PB169223BL

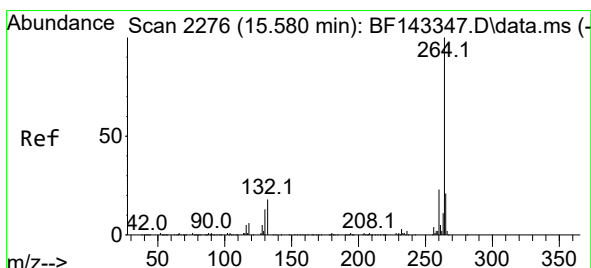
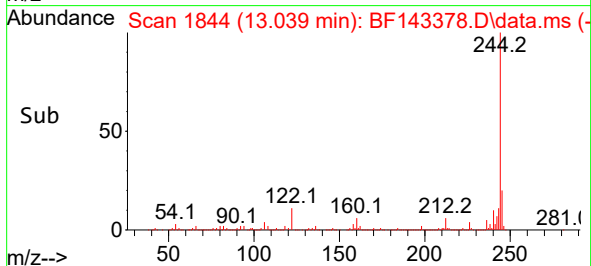
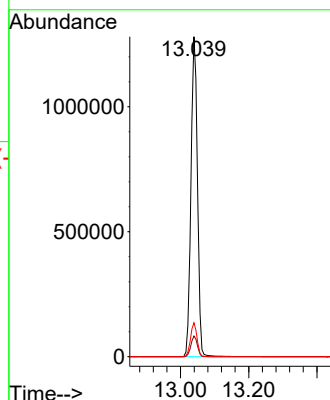
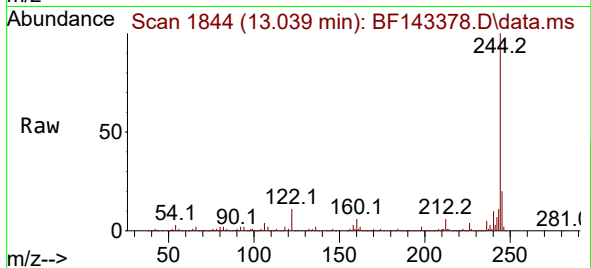
Tgt Ion:244 Resp: 1682986

Ion Ratio Lower Upper

244 100

212 6.5 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: BF143378.D

Acq: 14 Aug 2025 13:25

Tgt Ion:264 Resp: 283492

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.8 17.2 25.8

