

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
 Data File : BF143542.D
 Acq On : 21 Aug 2025 21:58
 Operator : RC/JU
 Sample : PB169330BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169330BL

Quant Time: Aug 22 01:03:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	111311	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	414887	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	211866	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	284696	20.000	ng	0.00
76) Chrysene-d12	14.092	240	226103	20.000	ng	-0.01
86) Perylene-d12	15.592	264	243408	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	755937	118.586	ng	0.00
7) Phenol-d6	6.557	99	932349	118.482	ng	-0.02
23) Nitrobenzene-d5	7.481	82	637308	89.639	ng	-0.02
42) 2,4,6-Tribromophenol	10.751	330	210749	106.862	ng	-0.01
45) 2-Fluorobiphenyl	9.281	172	1146640	89.444	ng	0.00
79) Terphenyl-d14	13.033	244	904055	69.774	ng	0.00

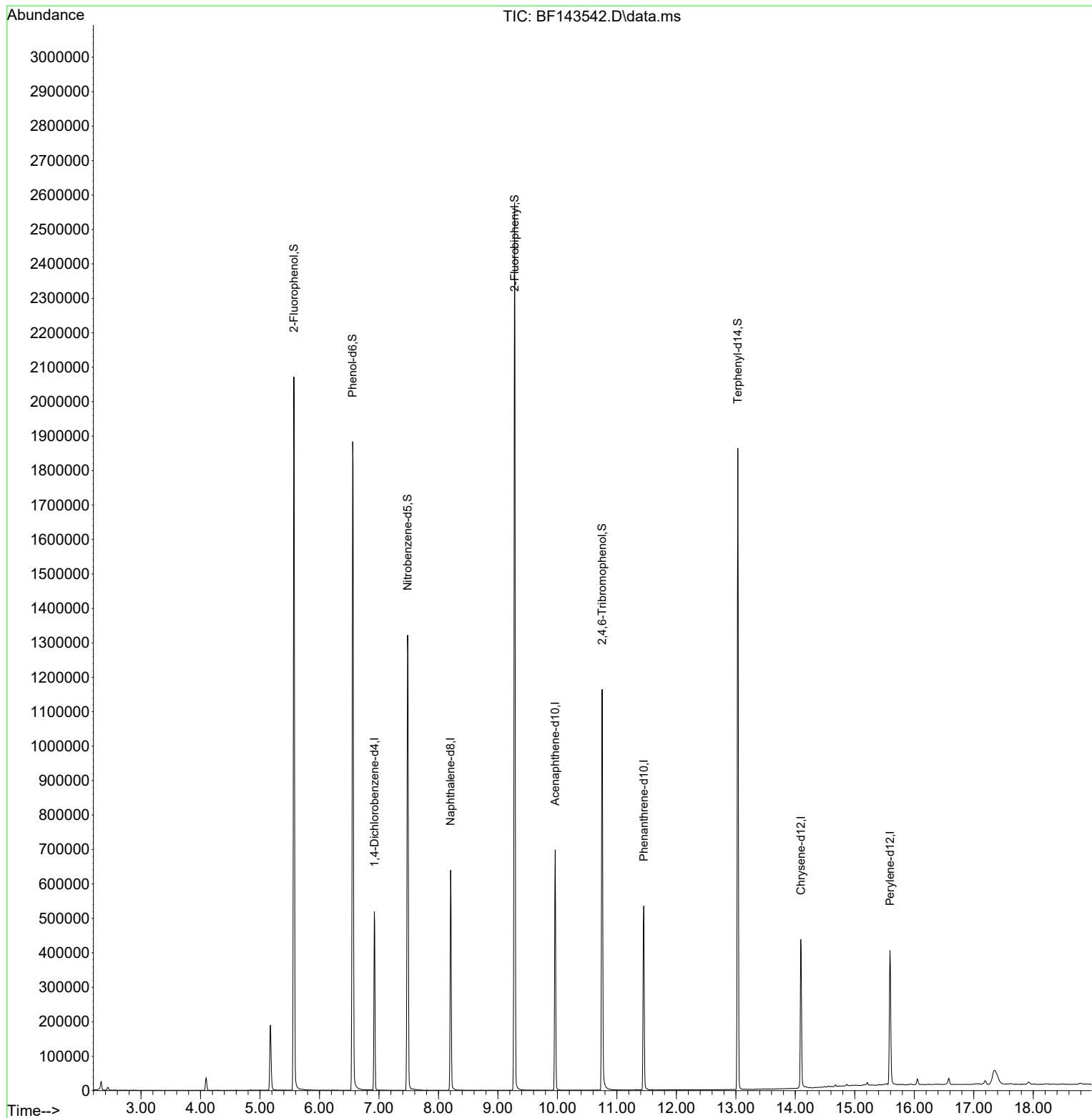
Target Compounds	Qvalue

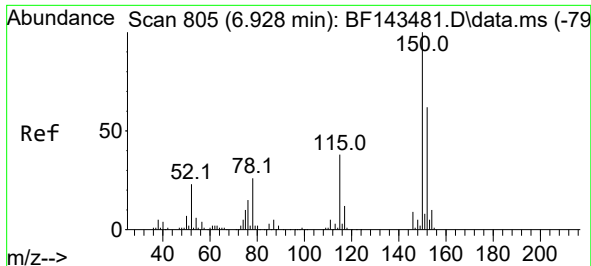
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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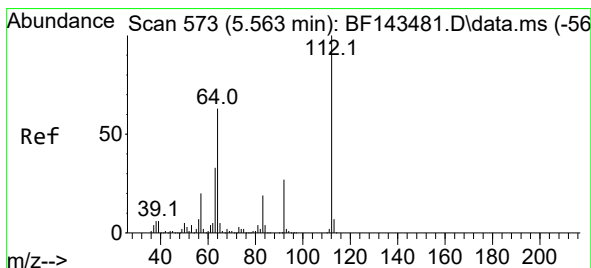
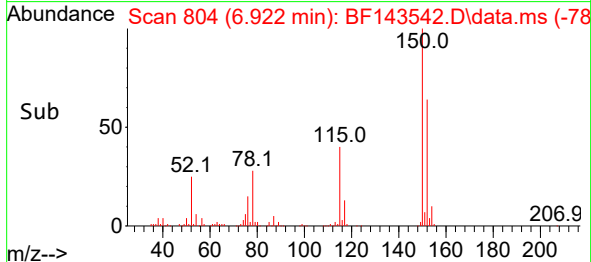
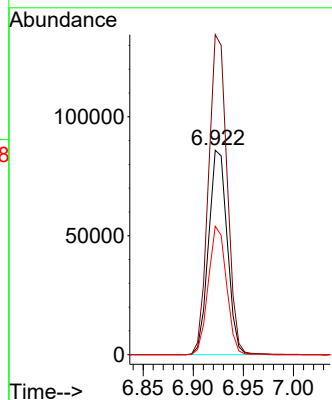
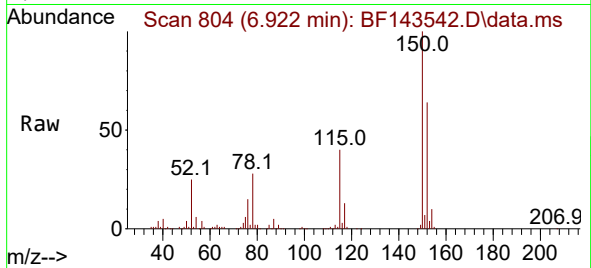




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BF143542.D
 Acq: 21 Aug 2025 21:58

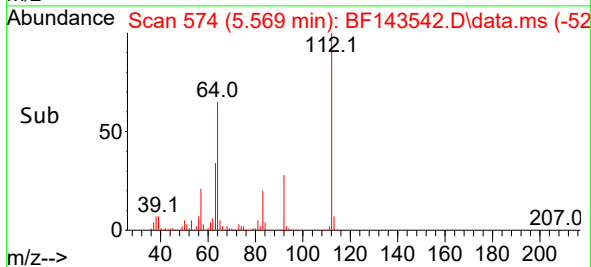
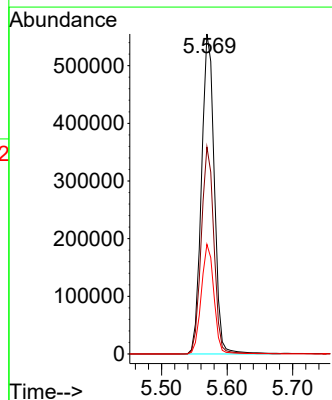
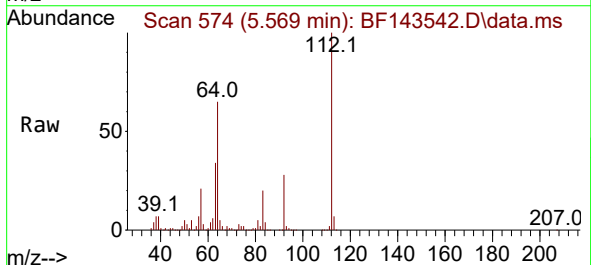
Instrument :
 BNA_F
 ClientSampleId :
 PB169330BL

Tgt Ion:152 Resp: 111311
 Ion Ratio Lower Upper
 152 100
 150 156.5 128.9 193.3
 115 62.8 49.2 73.8



#5
 2-Fluorophenol
 Concen: 118.586 ng
 RT: 5.569 min Scan# 574
 Delta R.T. 0.006 min
 Lab File: BF143542.D
 Acq: 21 Aug 2025 21:58

Tgt Ion:112 Resp: 755937
 Ion Ratio Lower Upper
 112 100
 64 64.7 50.4 75.6
 63 34.3 26.4 39.6

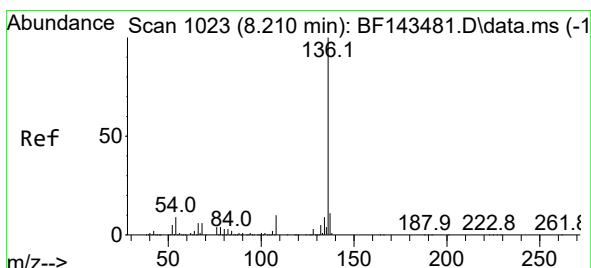
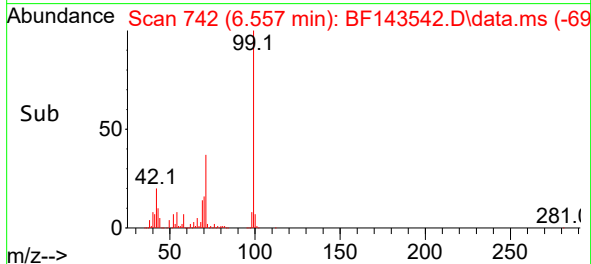
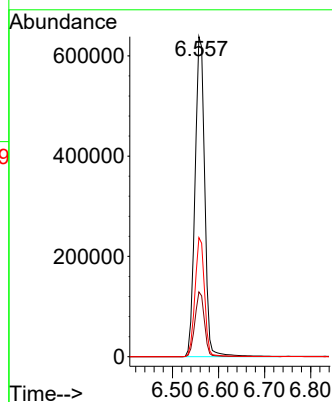
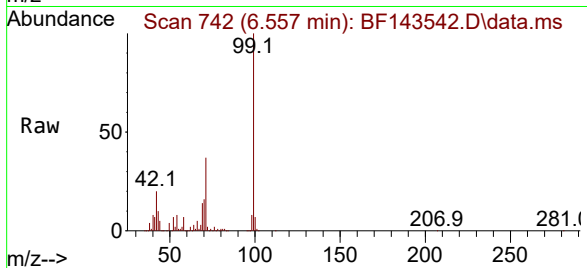




#7
Phenol-d6
Concen: 118.482 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143542.D
Acq: 21 Aug 2025 21:58

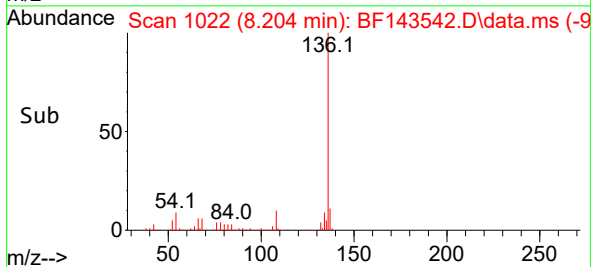
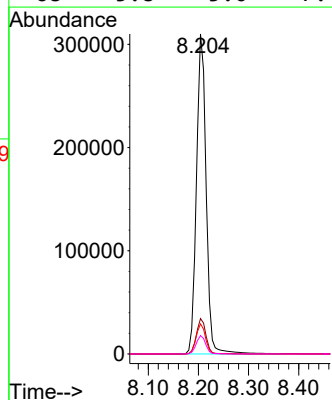
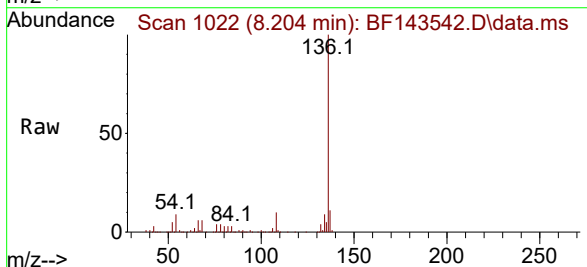
Instrument :
BNA_F
ClientSampleId :
PB169330BL

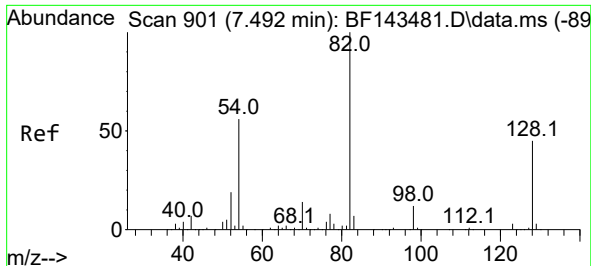
Tgt Ion: 99 Resp: 932349
Ion Ratio Lower Upper
99 100
42 20.3 16.3 24.5
71 37.2 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143542.D
Acq: 21 Aug 2025 21:58

Tgt Ion: 136 Resp: 414887
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.4 7.4 11.2
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 89.639 ng

RT: 7.481 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF143542.D

Acq: 21 Aug 2025 21:58

Instrument :

BNA_F

ClientSampleId :

PB169330BL

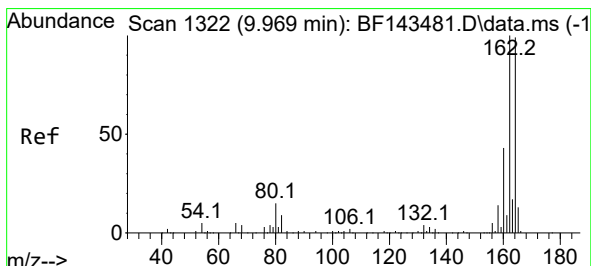
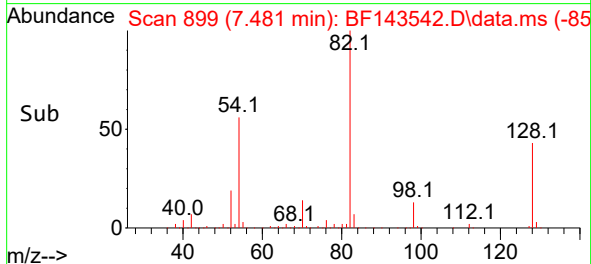
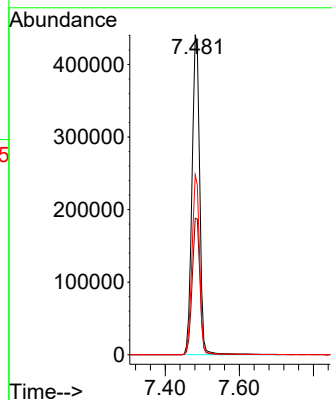
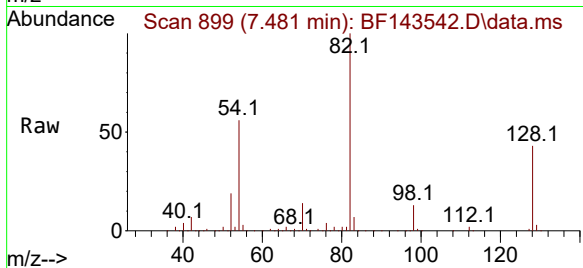
Tgt Ion: 82 Resp: 637308

Ion Ratio Lower Upper

82 100

128 42.6 35.5 53.3

54 56.2 44.3 66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF143542.D

Acq: 21 Aug 2025 21:58

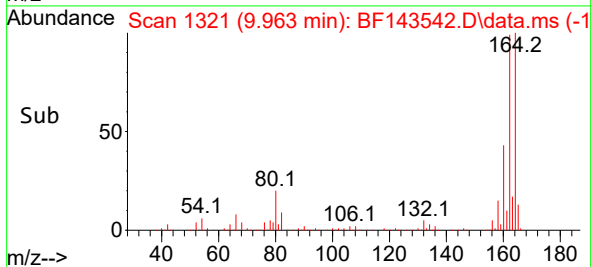
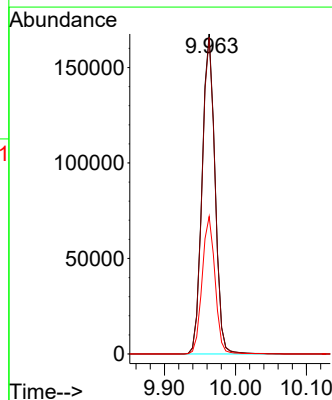
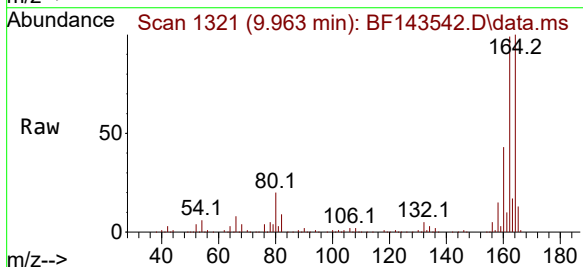
Tgt Ion:164 Resp: 211866

Ion Ratio Lower Upper

164 100

162 98.9 80.5 120.7

160 43.0 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 106.862 ng

RT: 10.751 min Scan# 1456

Delta R.T. -0.012 min

Lab File: BF143542.D

Acq: 21 Aug 2025 21:58

Instrument :

BNA_F

ClientSampleId :

PB169330BL

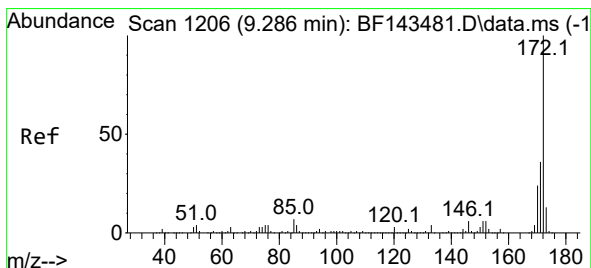
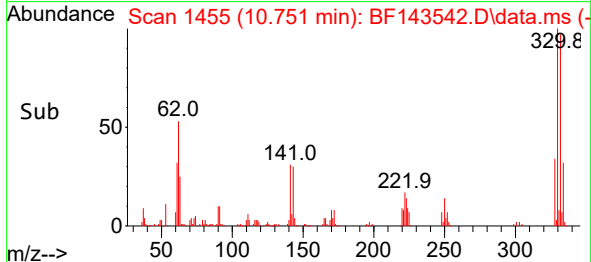
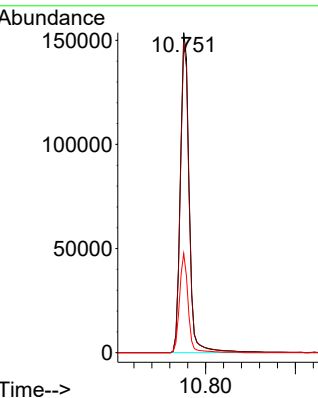
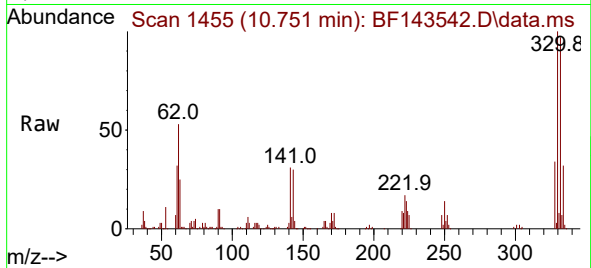
Tgt Ion:330 Resp: 210749

Ion Ratio Lower Upper

330 100

332 97.2 78.0 117.0

141 30.1 23.7 35.5



#45

2-Fluorobiphenyl

Concen: 89.444 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143542.D

Acq: 21 Aug 2025 21:58

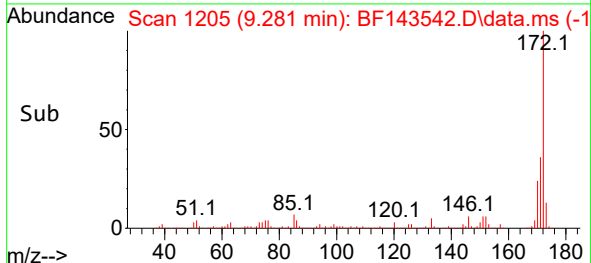
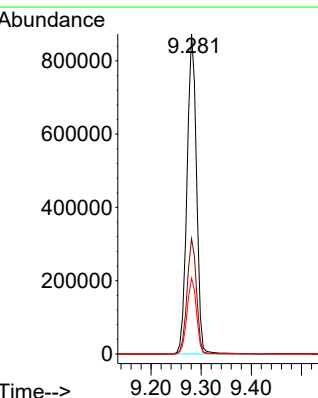
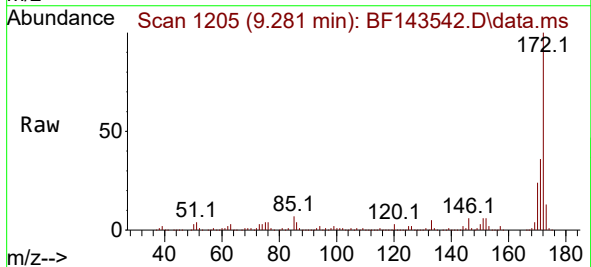
Tgt Ion:172 Resp: 1146640

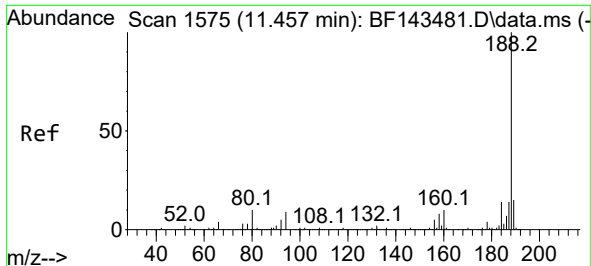
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.7 18.8 28.2

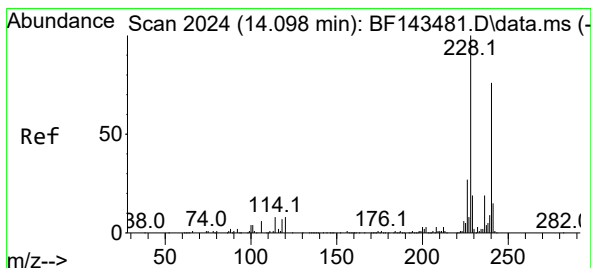
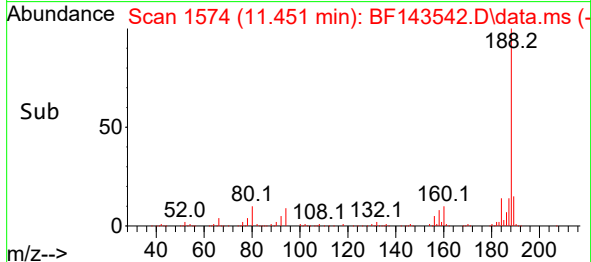
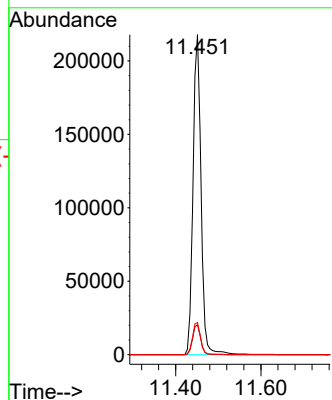
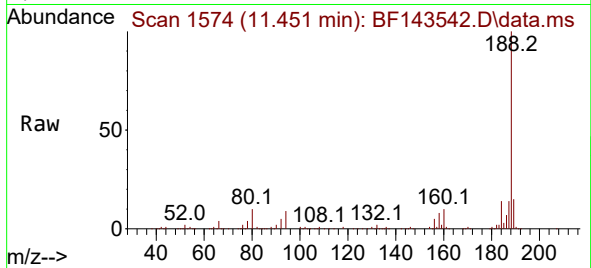




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143542.D
Acq: 21 Aug 2025 21:58

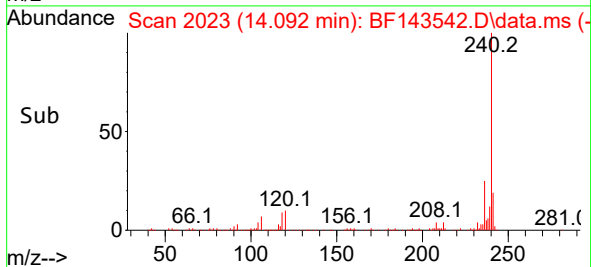
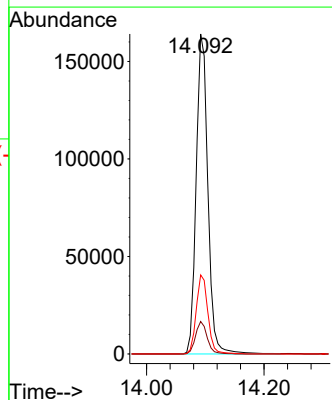
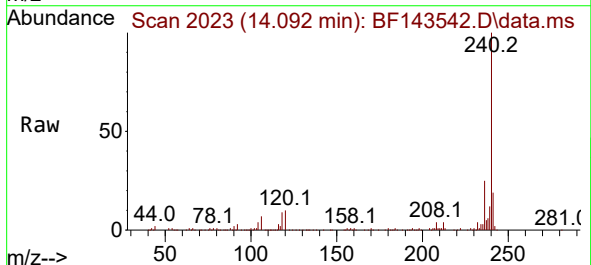
Instrument :
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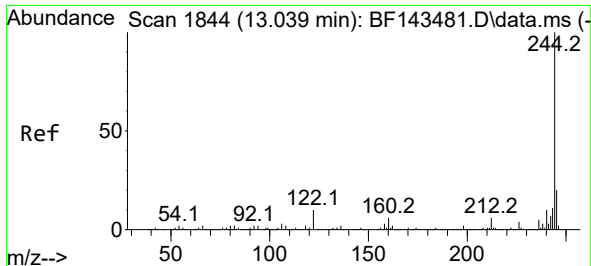
Tgt Ion:188 Resp: 284696
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.0 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143542.D
Acq: 21 Aug 2025 21:58

Tgt Ion:240 Resp: 226103
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 24.7 20.4 30.6

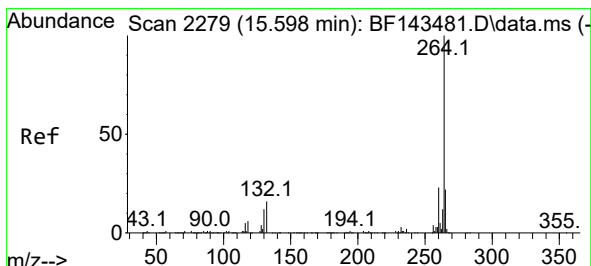
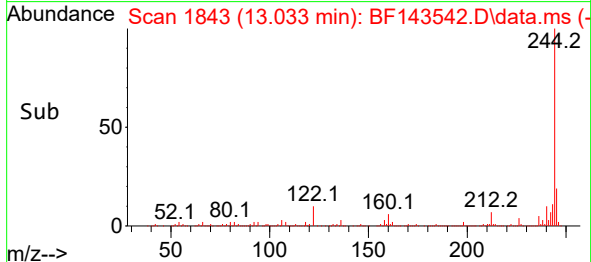
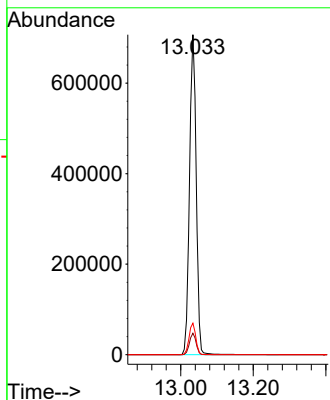
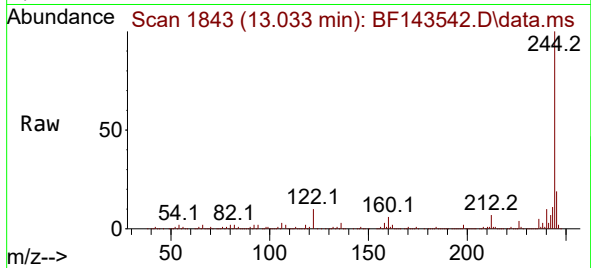




#79
 Terphenyl-d14
 Concen: 69.774 ng
 RT: 13.033 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF143542.D
 Acq: 21 Aug 2025 21:58

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 904055
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 9.9 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF143542.D
 Acq: 21 Aug 2025 21:58

Tgt Ion:264 Resp: 243408
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.0 17.6 26.4

