

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143283.D
 Acq On : 01 Aug 2025 15:34
 Operator : RC/JU
 Sample : PB169087BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169087BL

Quant Time: Aug 01 16:16:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	122064	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	445180	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	235574	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	350199	20.000	ng	0.00
76) Chrysene-d12	14.121	240	197500	20.000	ng	0.00
86) Perylene-d12	15.627	264	205940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	846371	109.725	ng	0.01
7) Phenol-d6	6.587	99	1204079	124.018	ng	0.00
23) Nitrobenzene-d5	7.516	82	711468	79.663	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	318796	130.997	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1316963	76.456	ng	0.00
79) Terphenyl-d14	13.069	244	1118194	84.253	ng	0.00

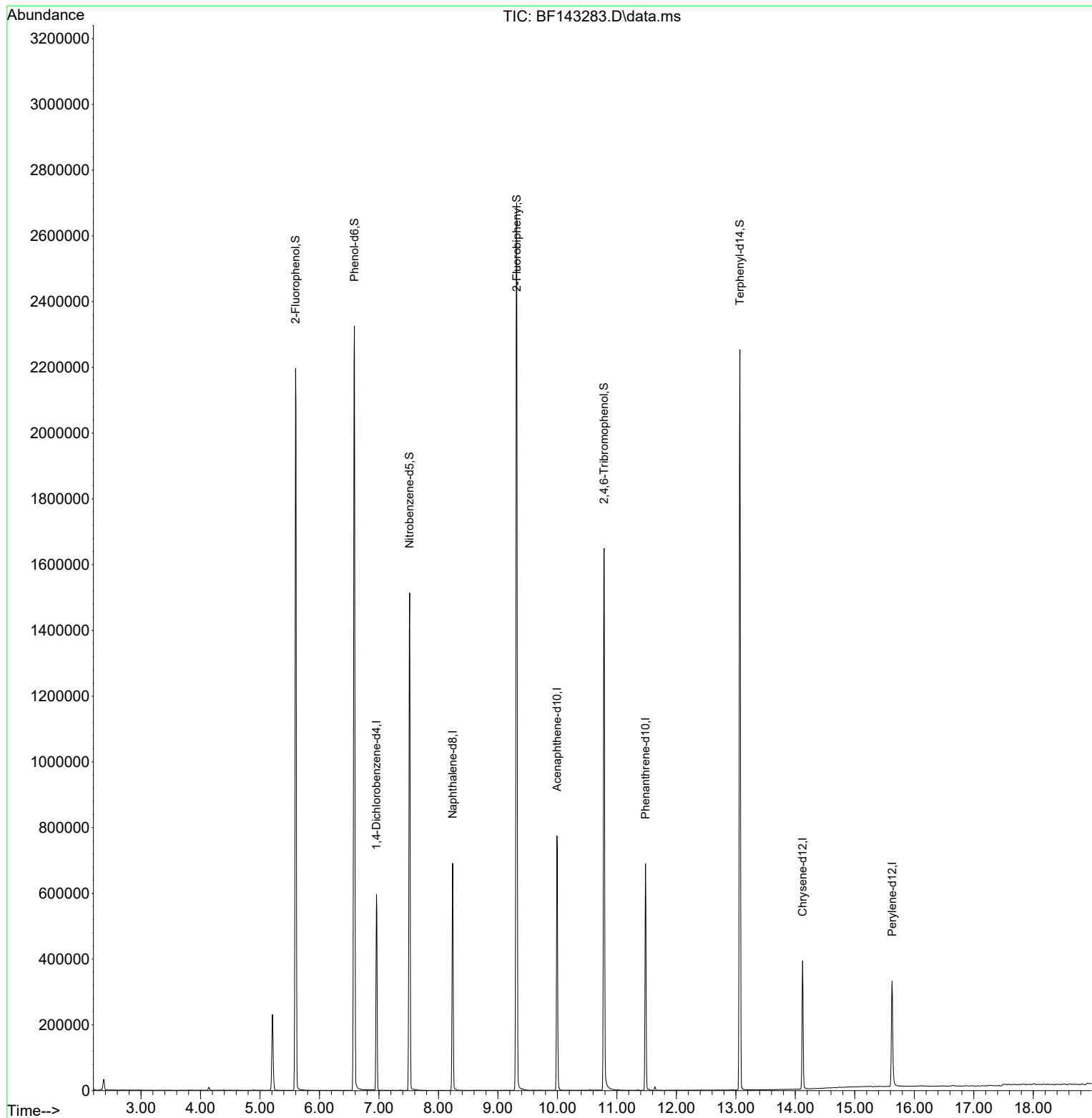
Target Compounds	Qvalue

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

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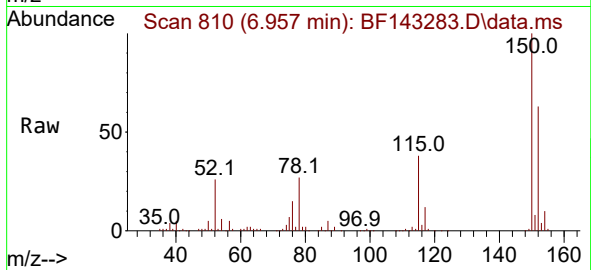
Quant Time: Aug 01 16:16:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
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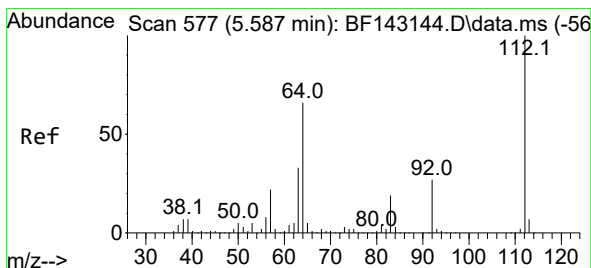
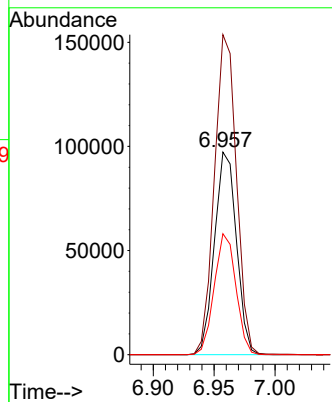
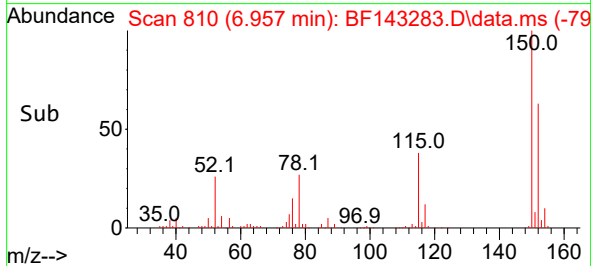


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143283.D
Acq: 01 Aug 2025 15:34

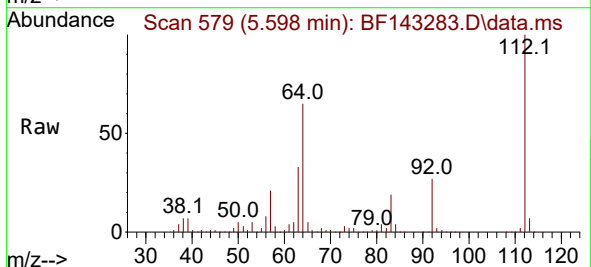
Instrument :
BNA_F
ClientSampleId :
PB169087BL



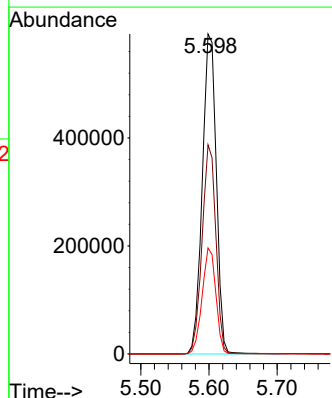
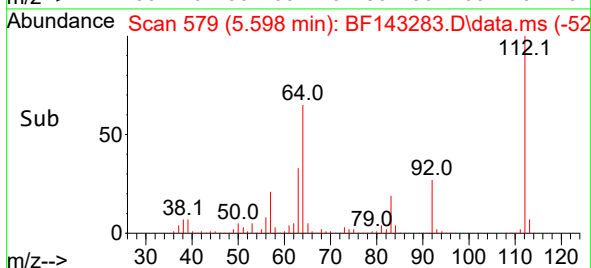
Tgt Ion:152 Resp: 122064
Ion Ratio Lower Upper
152 100
150 157.9 128.2 192.4
115 59.7 47.9 71.9

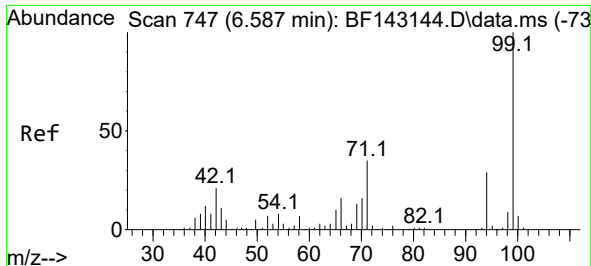


#5
2-Fluorophenol
Concen: 109.725 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143283.D
Acq: 01 Aug 2025 15:34



Tgt Ion:112 Resp: 846371
Ion Ratio Lower Upper
112 100
64 65.3 53.1 79.7
63 33.2 26.6 40.0

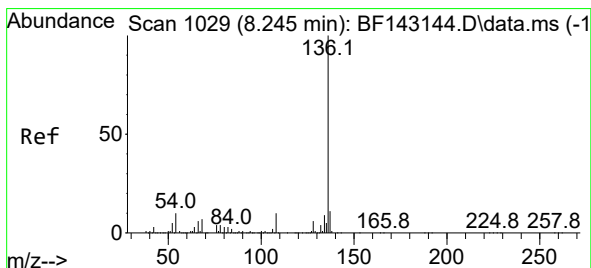
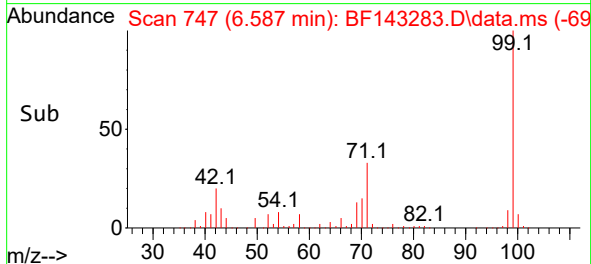
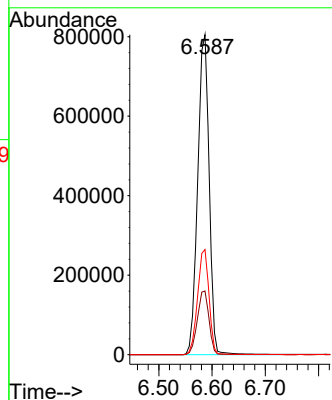
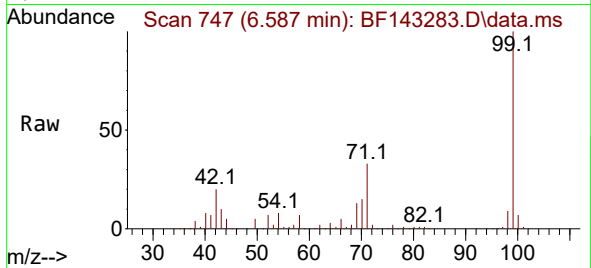




#7
Phenol-d6
Concen: 124.018 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143283.D
Acq: 01 Aug 2025 15:34

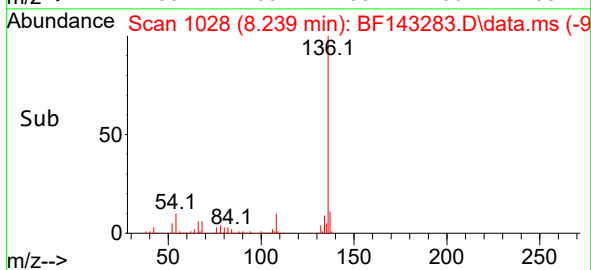
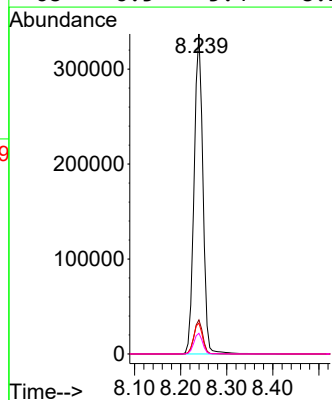
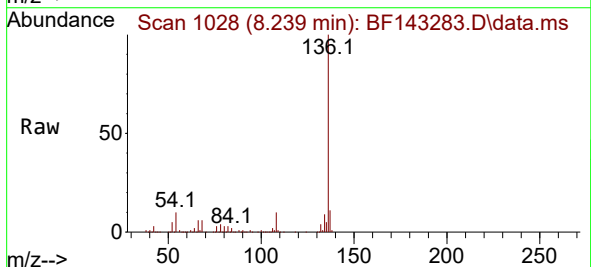
Instrument :
BNA_F
ClientSampleId :
PB169087BL

Tgt Ion: 99 Resp: 1204079
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 32.8 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143283.D
Acq: 01 Aug 2025 15:34

Tgt Ion:136 Resp: 445180
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.7 8.2 12.2
68 6.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 79.663 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143283.D

Acq: 01 Aug 2025 15:34

Instrument :

BNA_F

ClientSampleId :

PB169087BL

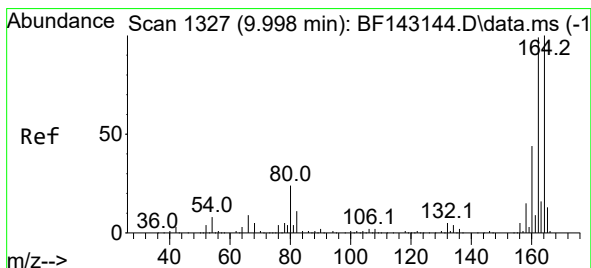
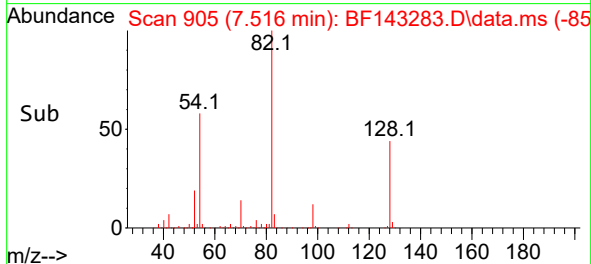
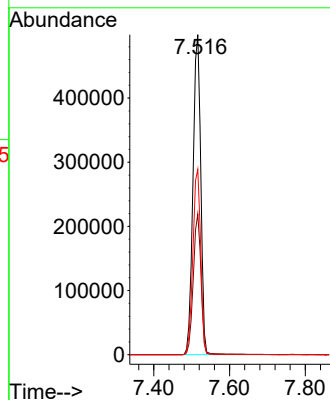
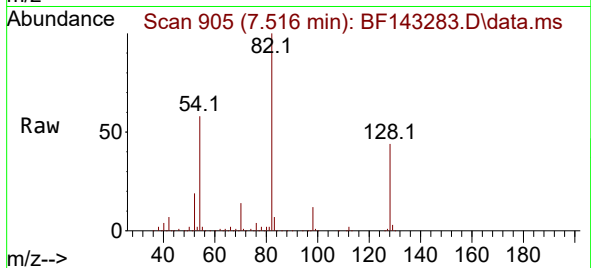
Tgt Ion: 82 Resp: 711468

Ion Ratio Lower Upper

82 100

128 44.0 33.6 50.4

54 57.9 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF143283.D

Acq: 01 Aug 2025 15:34

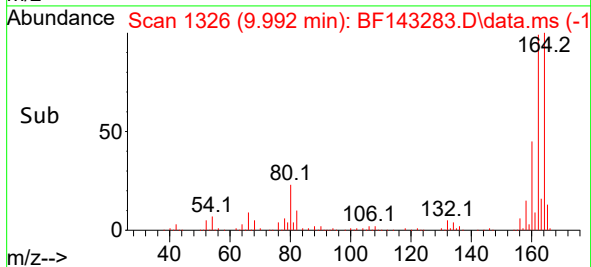
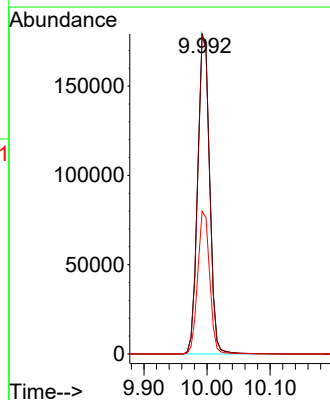
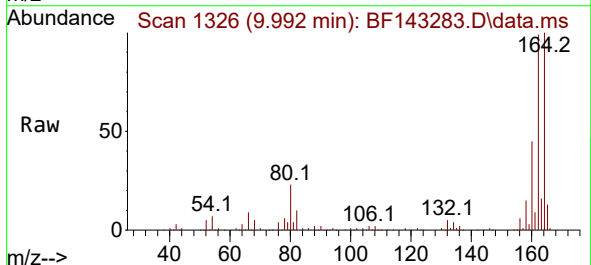
Tgt Ion: 164 Resp: 235574

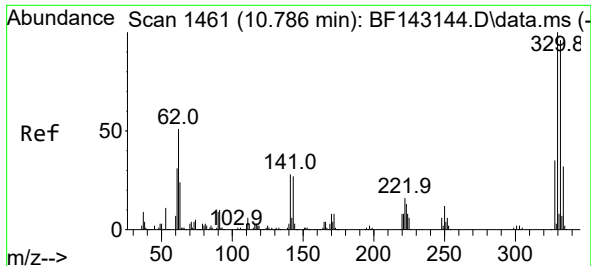
Ion Ratio Lower Upper

164 100

162 99.5 79.0 118.6

160 44.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 130.997 ng

RT: 10.786 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF143283.D

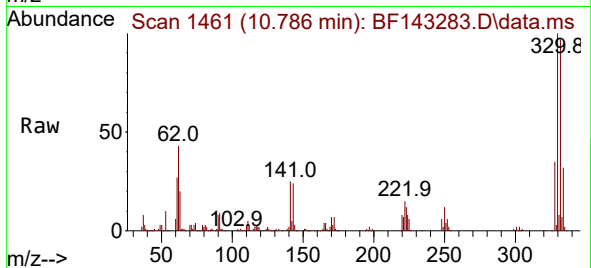
Acq: 01 Aug 2025 15:34

Instrument :

BNA_F

ClientSampleId :

PB169087BL



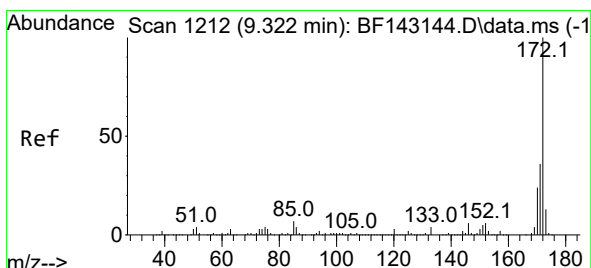
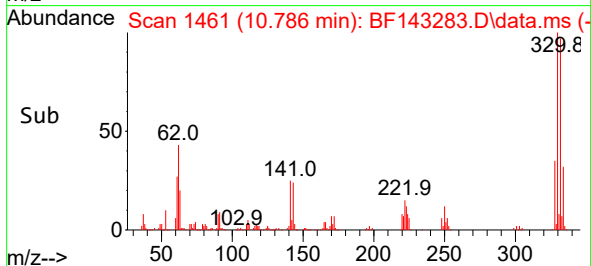
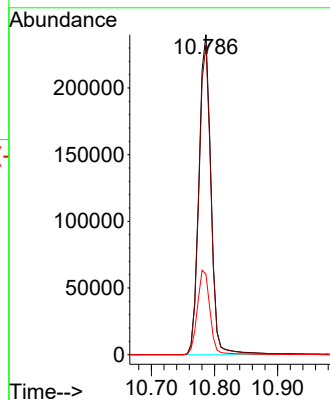
Tgt Ion:330 Resp: 318796

Ion Ratio Lower Upper

330 100

332 97.0 76.7 115.1

141 27.8 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 76.456 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143283.D

Acq: 01 Aug 2025 15:34

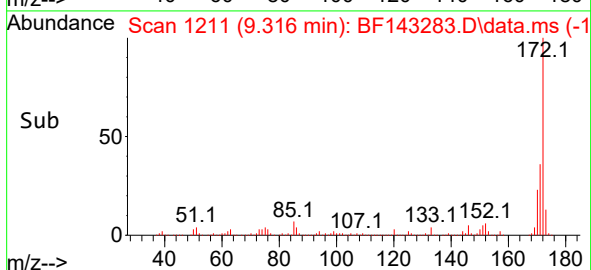
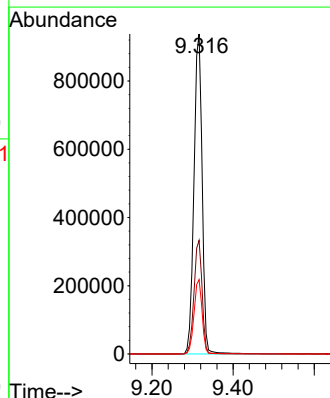
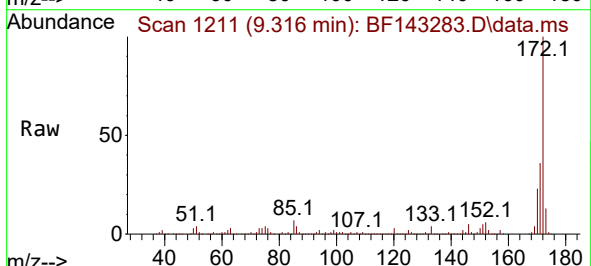
Tgt Ion:172 Resp: 1316963

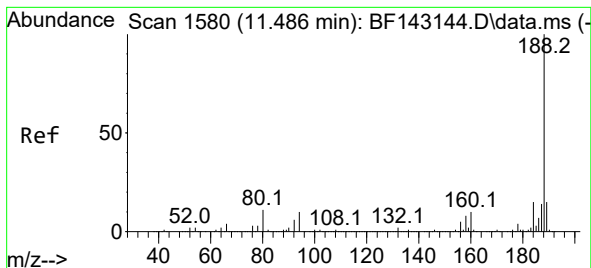
Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.3 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143283.D

Acq: 01 Aug 2025 15:34

Instrument :

BNA_F

ClientSampleId :

PB169087BL

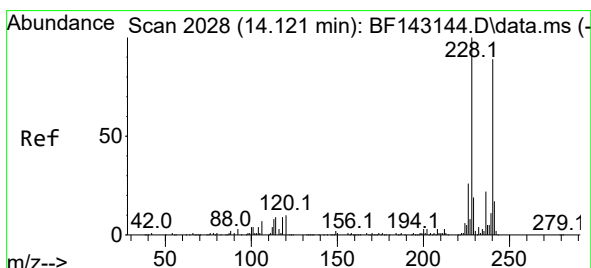
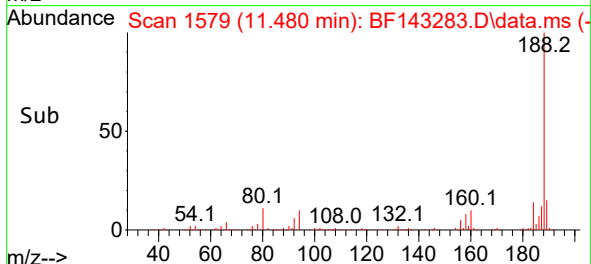
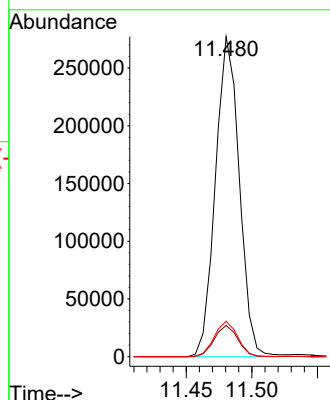
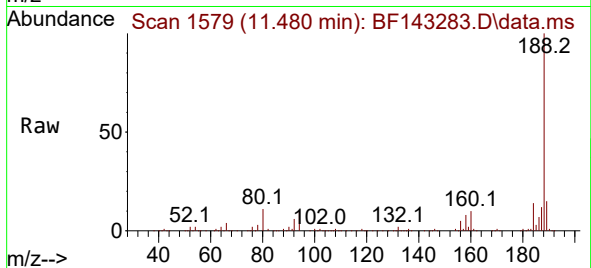
Tgt Ion:188 Resp: 350199

Ion Ratio Lower Upper

188 100

94 9.7 8.3 12.5

80 11.0 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF143283.D

Acq: 01 Aug 2025 15:34

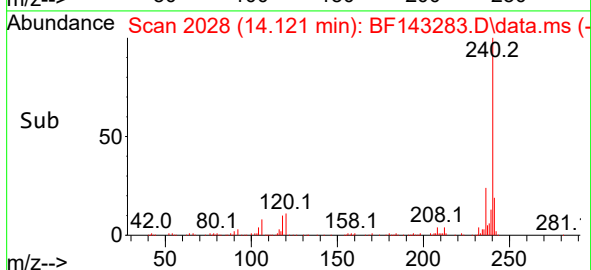
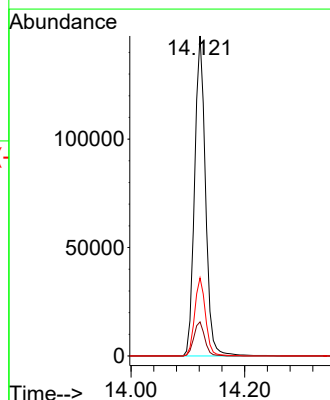
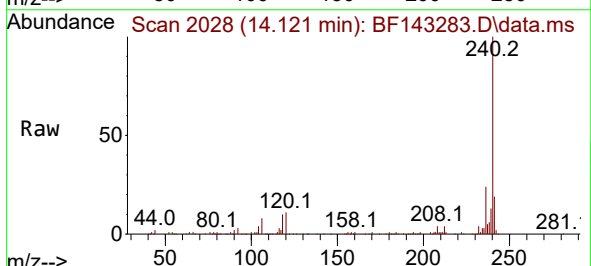
Tgt Ion:240 Resp: 197500

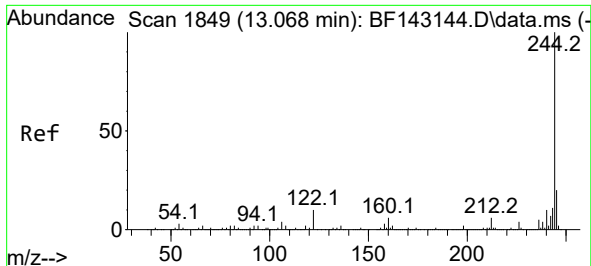
Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

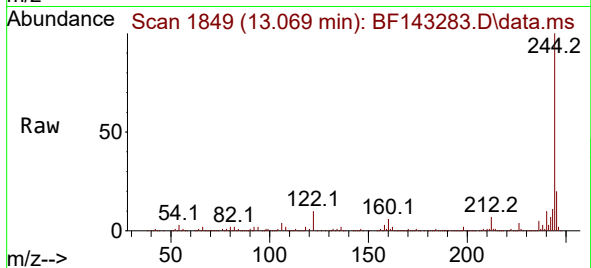
236 24.4 20.2 30.4



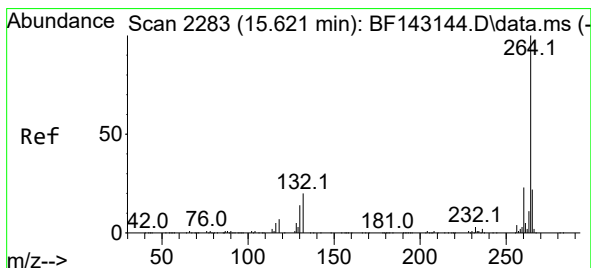
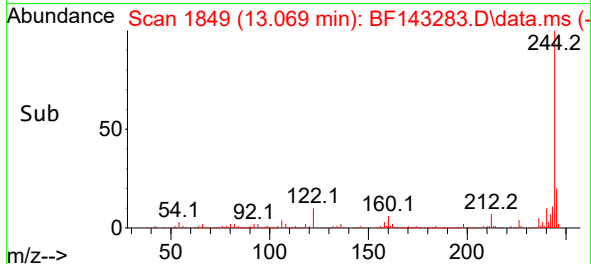
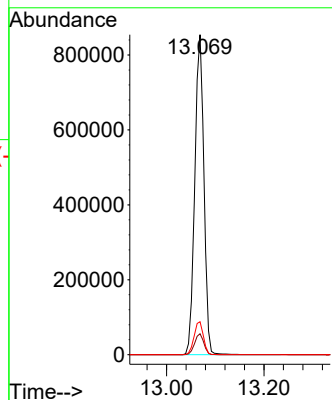


#79
Terphenyl-d14
Concen: 84.253 ng
RT: 13.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143283.D
Acq: 01 Aug 2025 15:34

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Tgt Ion:244 Resp: 1118194
Ion Ratio Lower Upper
244 100
212 6.6 5.2 7.8
122 10.3 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143283.D
Acq: 01 Aug 2025 15:34

Tgt Ion:264 Resp: 205940
Ion Ratio Lower Upper
264 100
260 23.0 18.5 27.7
265 21.4 17.4 26.2

