

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143279.D
 Acq On : 01 Aug 2025 13:31
 Operator : RC/JU
 Sample : PB169060TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169060TB

Quant Time: Aug 01 14:00:00 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	6.963	152	100481	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	391541	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	213366	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	367940	20.000	ng	0.00
76) Chrysene-d12	14.121	240	208592	20.000	ng	0.00
86) Perylene-d12	15.627	264	214248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	813294	128.085	ng	0.02
7) Phenol-d6	6.587	99	917265	114.770	ng	0.00
23) Nitrobenzene-d5	7.516	82	619218	78.833	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	276691	125.529	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1185301	75.975	ng	0.00
79) Terphenyl-d14	13.069	244	1173746	83.736	ng	0.00

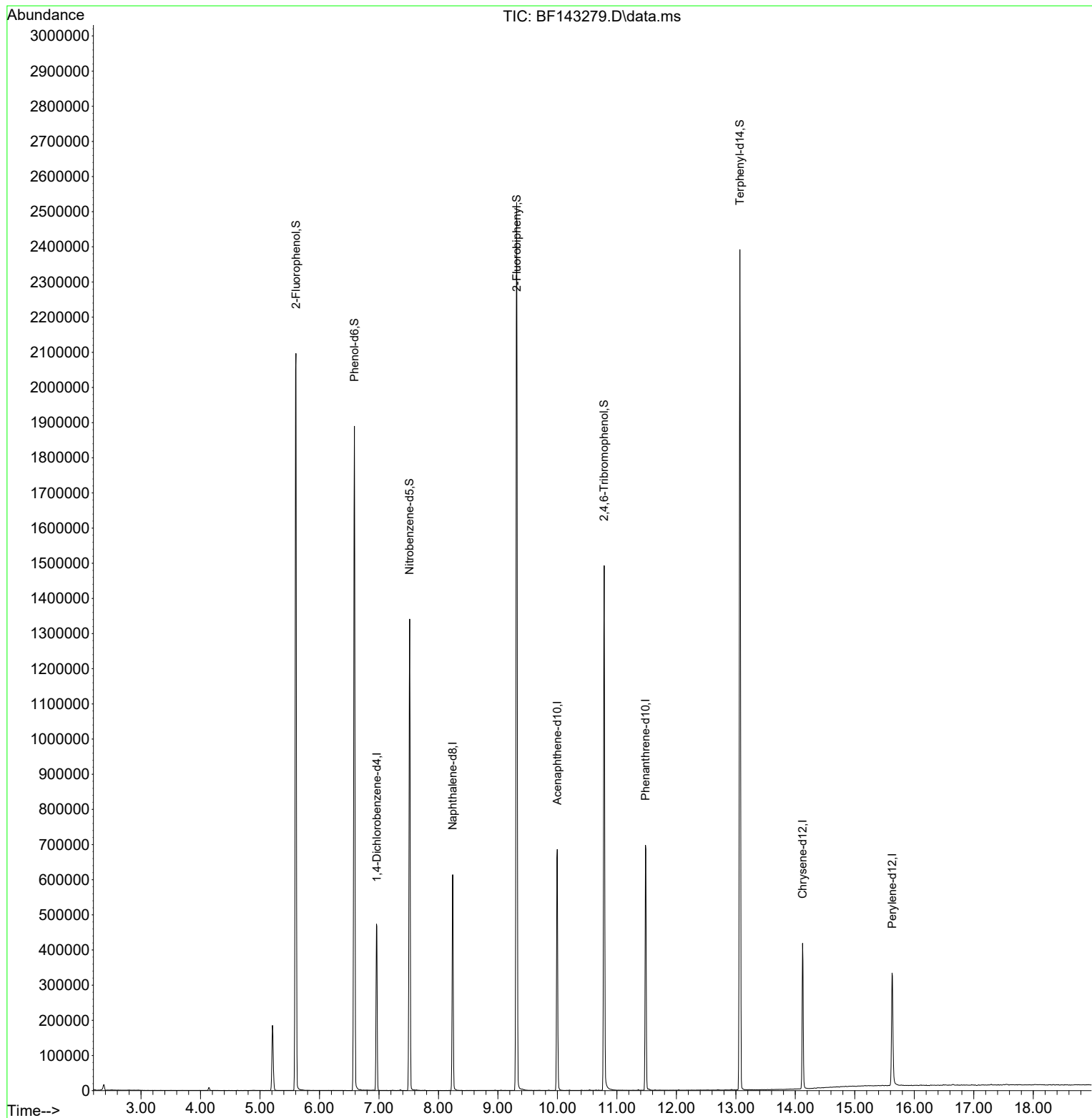
Target Compounds	Qvalue

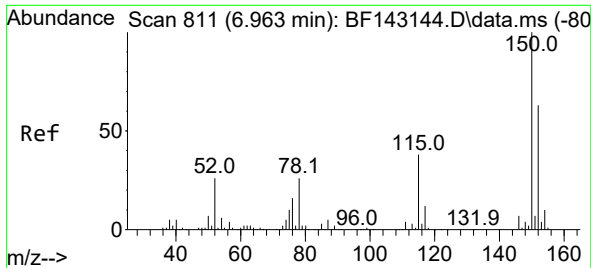
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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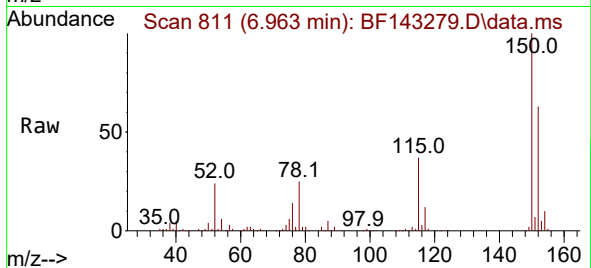
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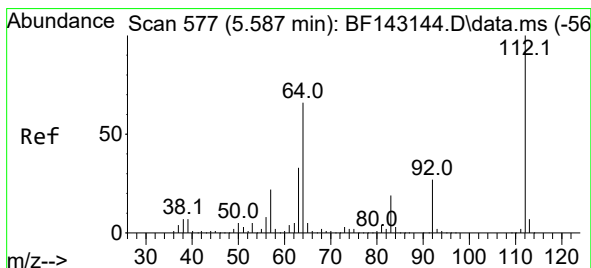
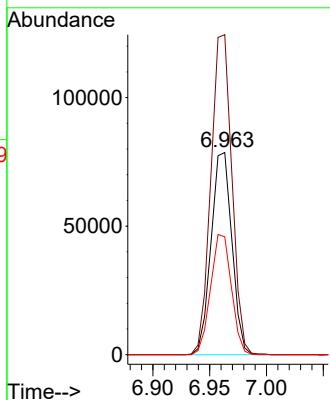
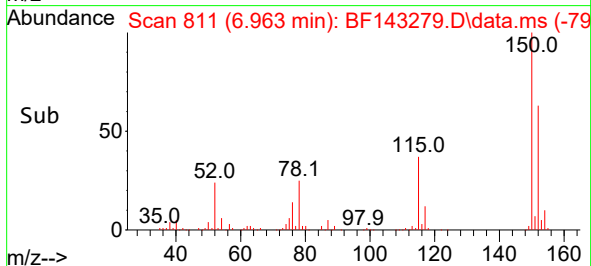


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143279.D
Acq: 01 Aug 2025 13:31

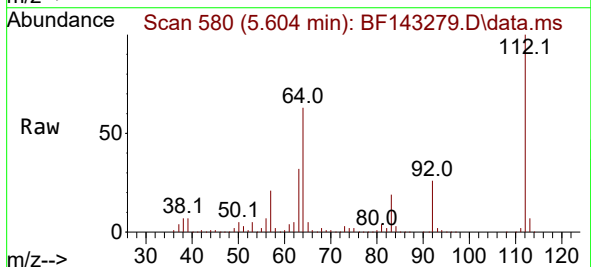
Instrument :
BNA_F
ClientSampleId :
PB169060TB



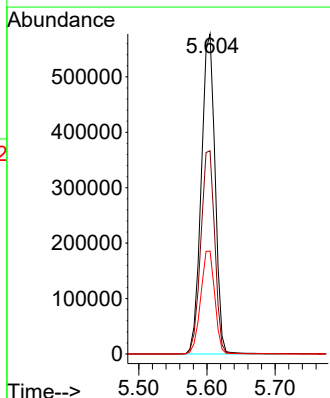
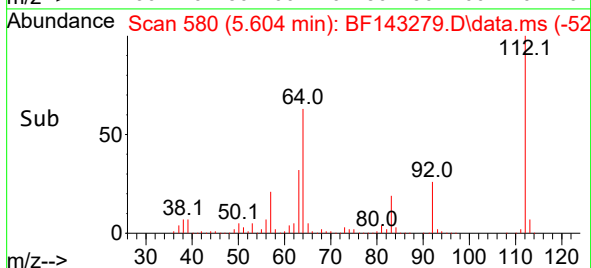
Tgt Ion:152 Resp: 100481
Ion Ratio Lower Upper
152 100
150 158.2 128.2 192.4
115 58.3 47.9 71.9

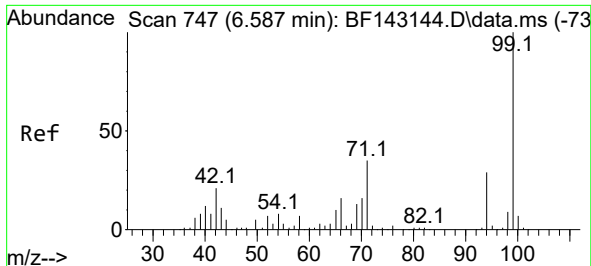


#5
2-Fluorophenol
Concen: 128.085 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143279.D
Acq: 01 Aug 2025 13:31



Tgt Ion:112 Resp: 813294
Ion Ratio Lower Upper
112 100
64 63.5 53.1 79.7
63 32.2 26.6 40.0

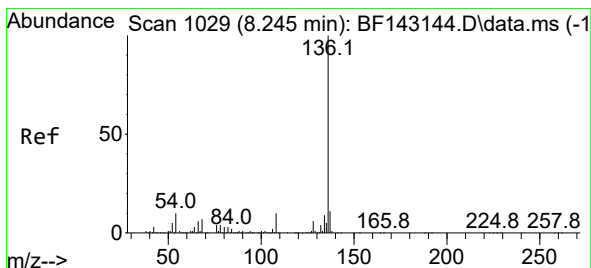
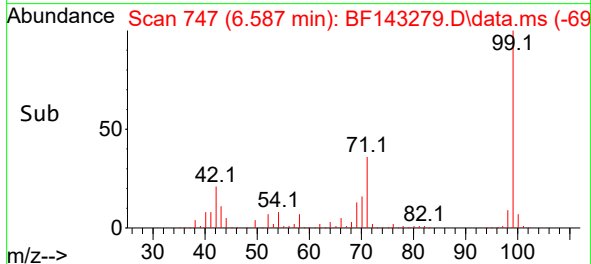
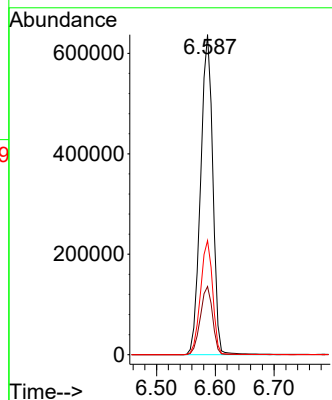
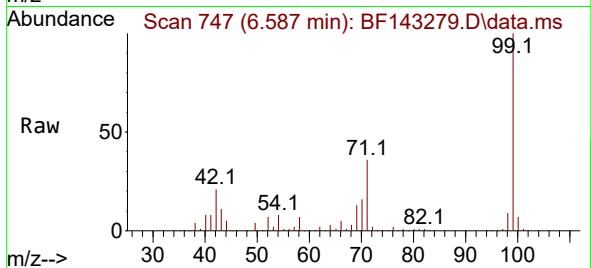




#7
Phenol-d6
Concen: 114.770 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143279.D
Acq: 01 Aug 2025 13:31

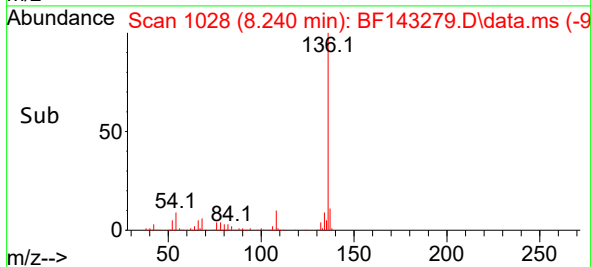
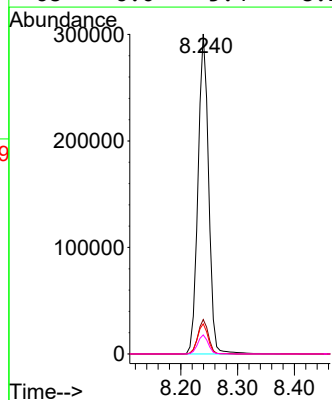
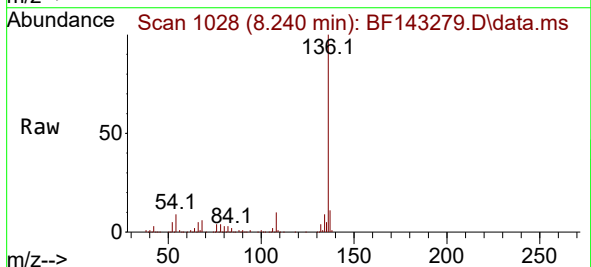
Instrument :
BNA_F
ClientSampleId :
PB169060TB

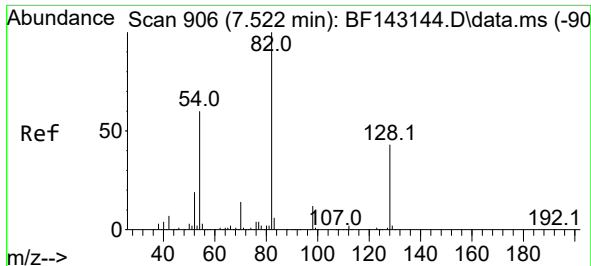
Tgt Ion: 99 Resp: 917265
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 35.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF143279.D
Acq: 01 Aug 2025 13:31

Tgt Ion: 136 Resp: 391541
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.4 8.2 12.2
68 6.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 78.833 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143279.D

Acq: 01 Aug 2025 13:31

Instrument :

BNA_F

ClientSampleId :

PB169060TB

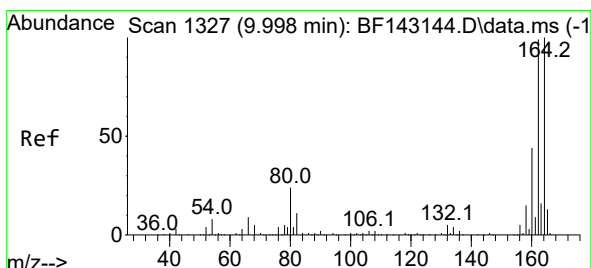
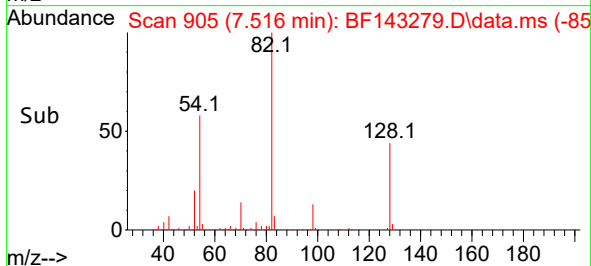
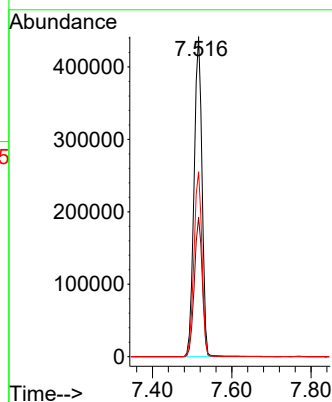
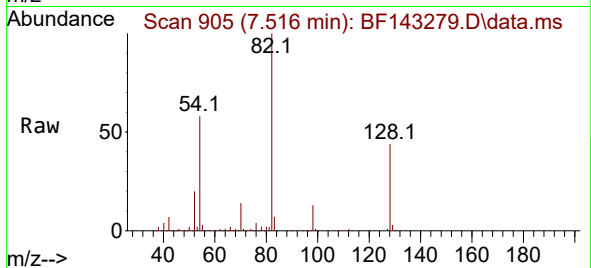
Tgt Ion: 82 Resp: 619218

Ion Ratio Lower Upper

82 100

128 43.5 33.6 50.4

54 57.8 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF143279.D

Acq: 01 Aug 2025 13:31

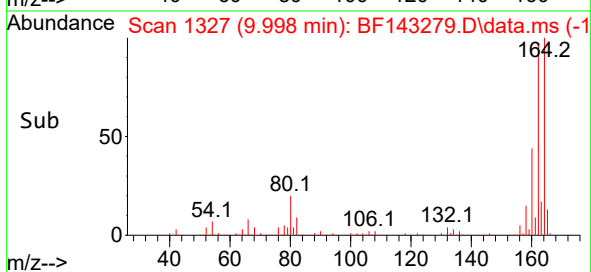
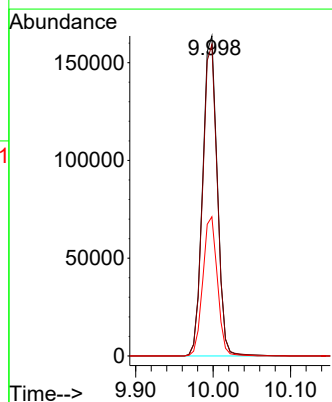
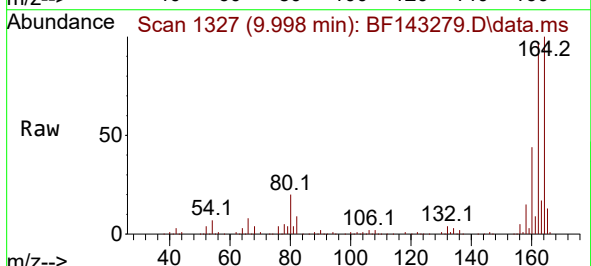
Tgt Ion:164 Resp: 213366

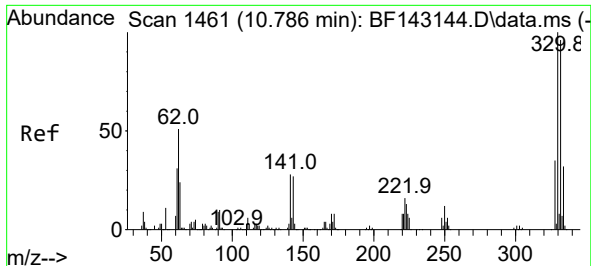
Ion Ratio Lower Upper

164 100

162 97.3 79.0 118.6

160 43.5 35.1 52.7

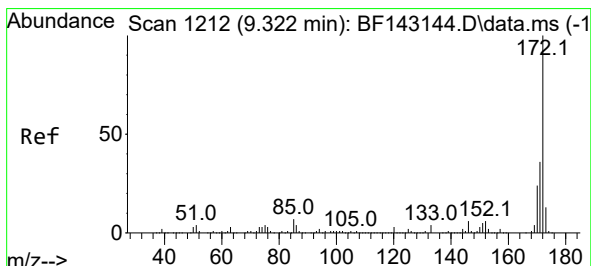
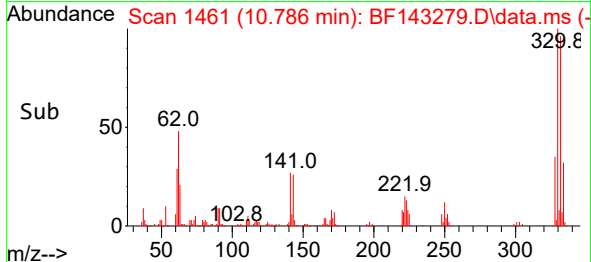
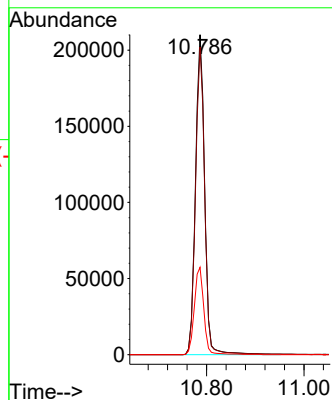
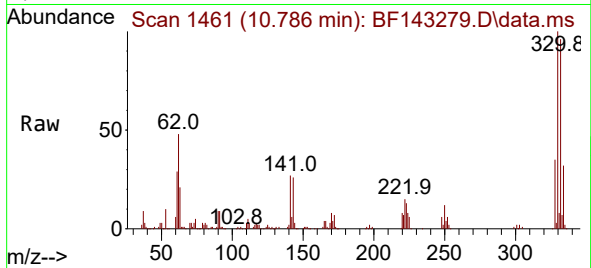




#42
2,4,6-Tribromophenol
Concen: 125.529 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143279.D
Acq: 01 Aug 2025 13:31

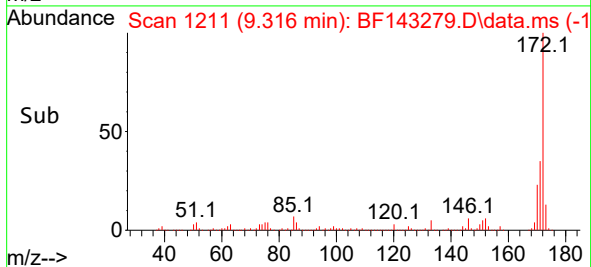
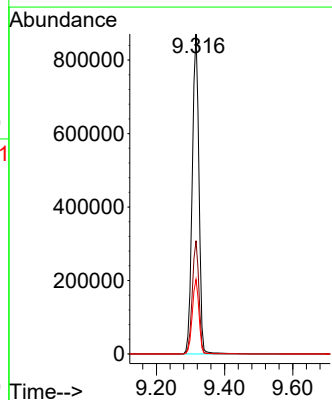
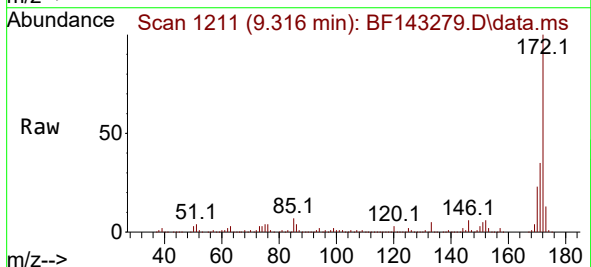
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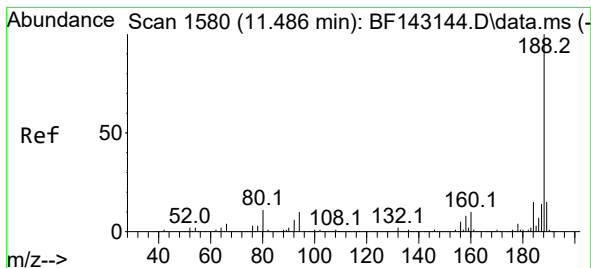
Tgt Ion:330 Resp: 276691
Ion Ratio Lower Upper
330 100
332 96.1 76.7 115.1
141 28.3 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 75.975 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143279.D
Acq: 01 Aug 2025 13:31

Tgt Ion:172 Resp: 1185301
Ion Ratio Lower Upper
172 100
171 35.4 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: BF143279.D

Acq: 01 Aug 2025 13:31

Instrument :

BNA_F

ClientSampleId :

PB169060TB

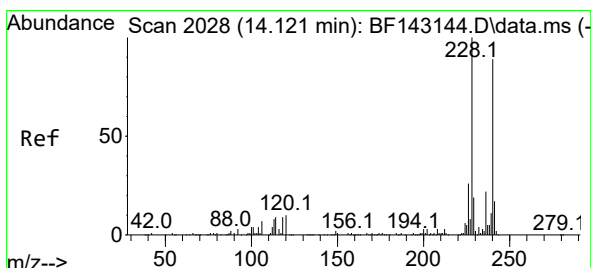
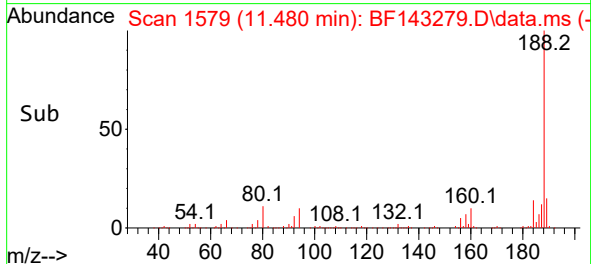
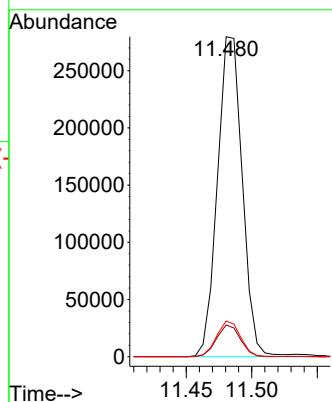
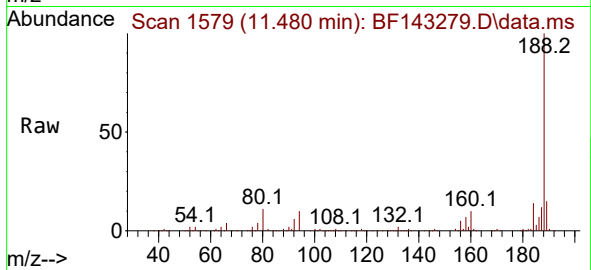
Tgt Ion:188 Resp: 367940

Ion Ratio Lower Upper

188 100

94 9.9 8.3 12.5

80 11.2 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: BF143279.D

Acq: 01 Aug 2025 13:31

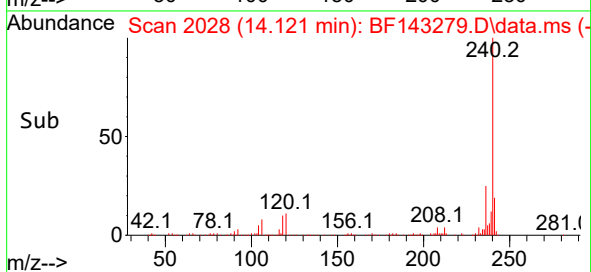
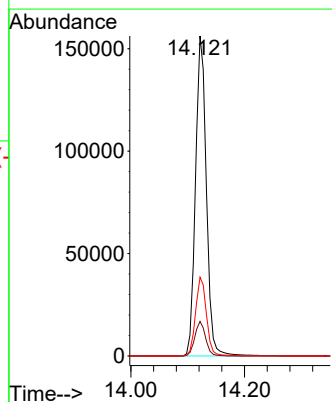
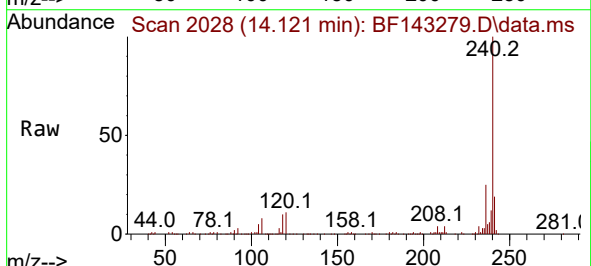
Tgt Ion:240 Resp: 208592

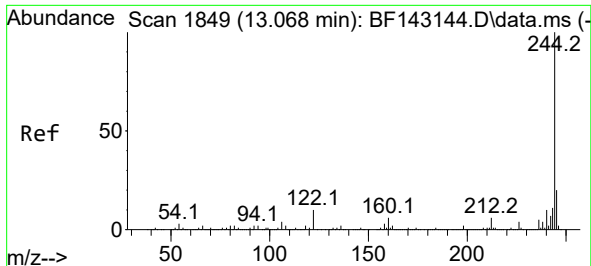
Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.2

236 24.6 20.2 30.4

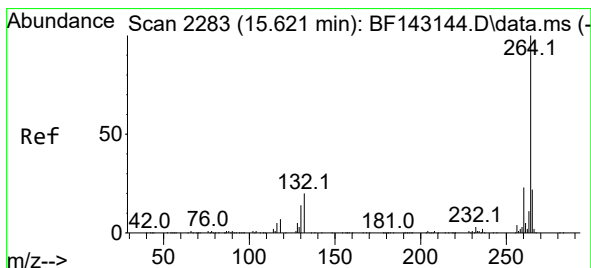
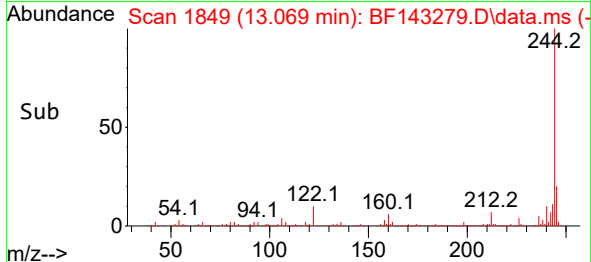
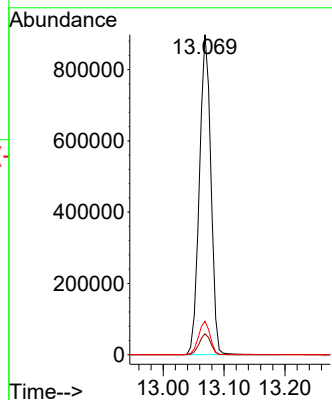
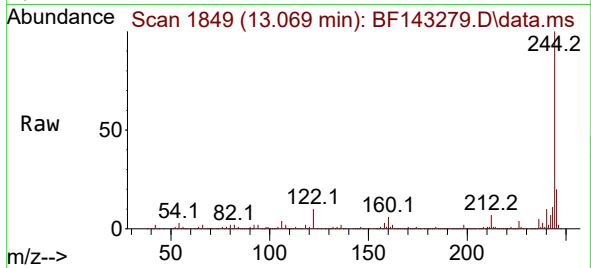




#79
 Terphenyl-d14
 Concen: 83.736 ng
 RT: 13.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143279.D
 Acq: 01 Aug 2025 13:31

Instrument :
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 ClientSampleId :
 PB169060TB

Tgt Ion:244 Resp: 1173746
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.4 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: BF143279.D
 Acq: 01 Aug 2025 13:31

Tgt Ion:264 Resp: 214248
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 21.3 17.4 26.2

