

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
 Data File : BF143291.D
 Acq On : 04 Aug 2025 12:40
 Operator : RC/JU
 Sample : PB169095BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169095BL

Quant Time: Aug 04 13:00:46 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	123009	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	474055	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	249464	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	420600	20.000	ng	0.00
76) Chrysene-d12	14.121	240	235791	20.000	ng	0.00
86) Perylene-d12	15.627	264	244639	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	970662	124.872	ng	0.01
7) Phenol-d6	6.587	99	1233911	126.114	ng	0.00
23) Nitrobenzene-d5	7.516	82	806034	84.755	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	329791	127.970	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1463068	80.209	ng	0.00
79) Terphenyl-d14	13.068	244	1420713	89.663	ng	0.00

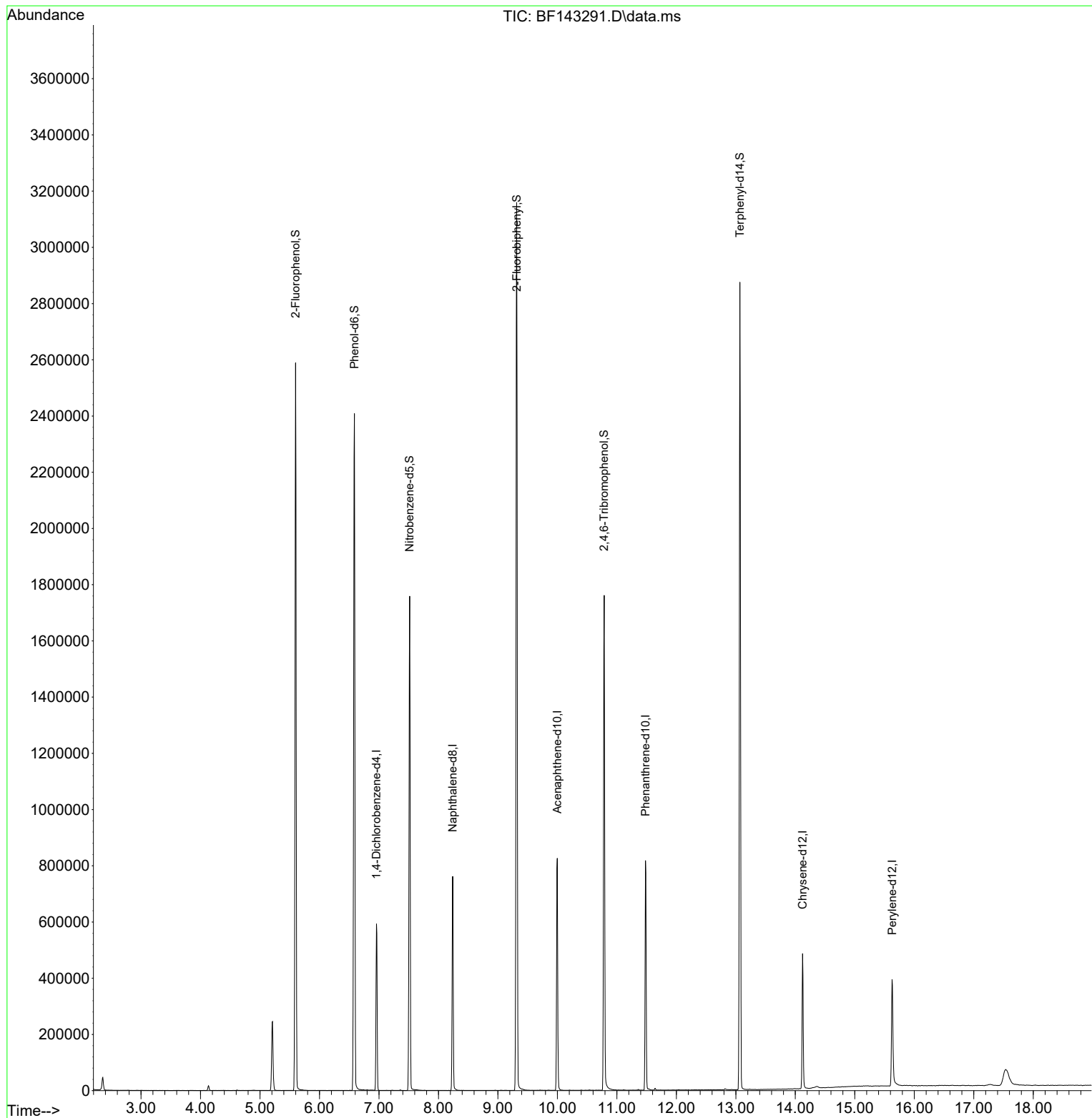
Target Compounds	Qvalue

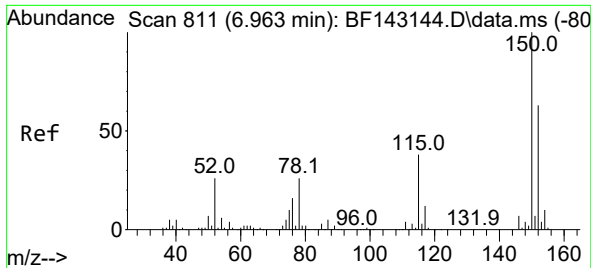
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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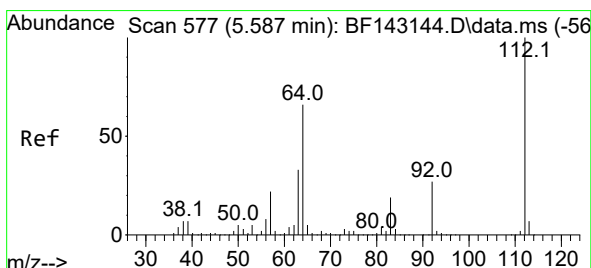
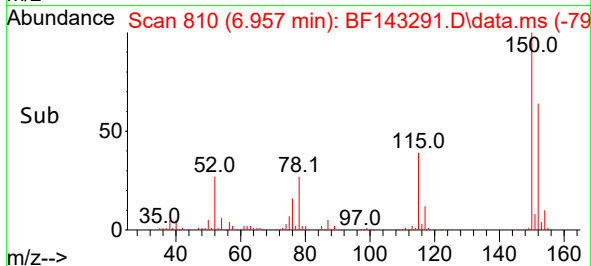
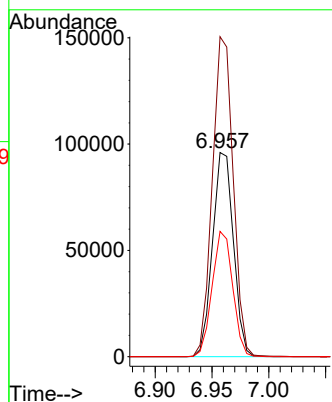
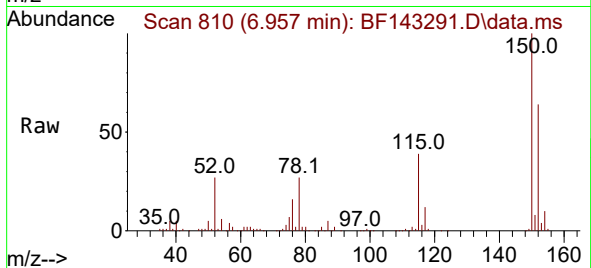




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143291.D
Acq: 04 Aug 2025 12:40

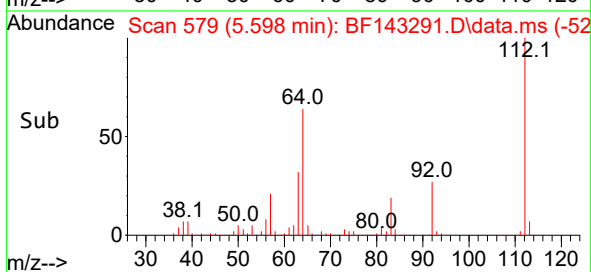
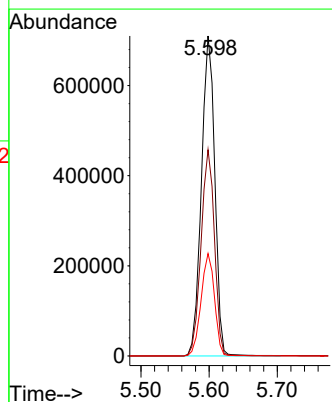
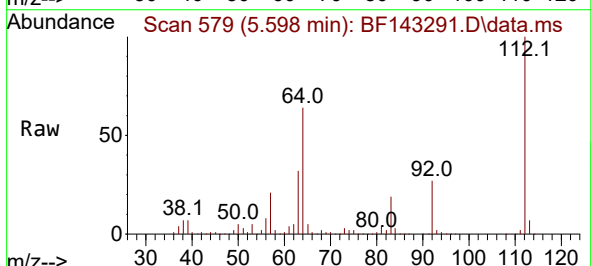
Instrument :
BNA_F
ClientSampleId :
PB169095BL

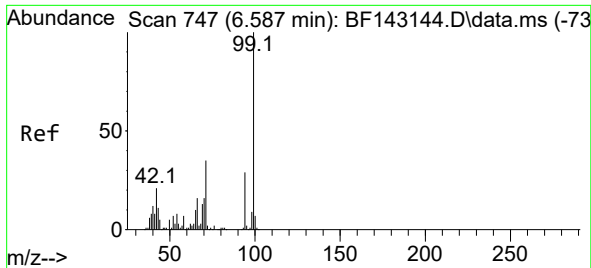
Tgt Ion:152 Resp: 123009
Ion Ratio Lower Upper
152 100
150 156.7 128.2 192.4
115 61.3 47.9 71.9



#5
2-Fluorophenol
Concen: 124.872 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143291.D
Acq: 04 Aug 2025 12:40

Tgt Ion:112 Resp: 970662
Ion Ratio Lower Upper
112 100
64 64.5 53.1 79.7
63 32.0 26.6 40.0

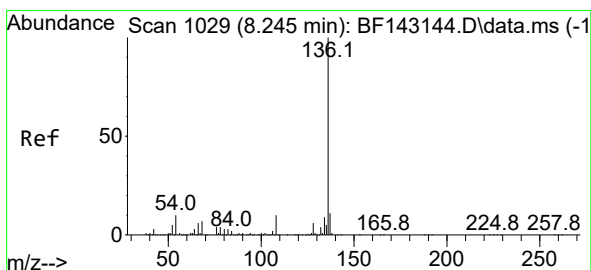
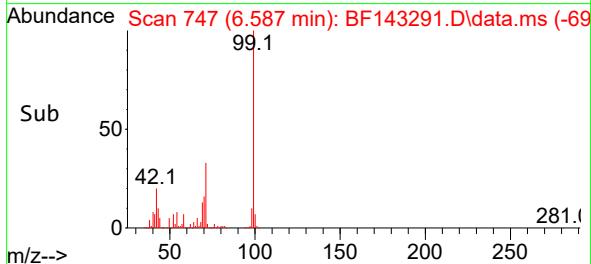
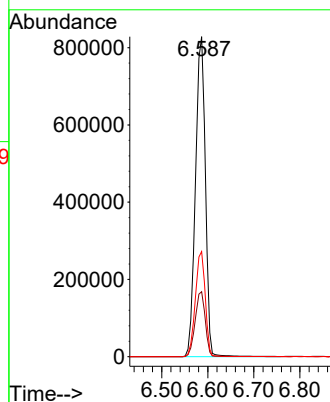
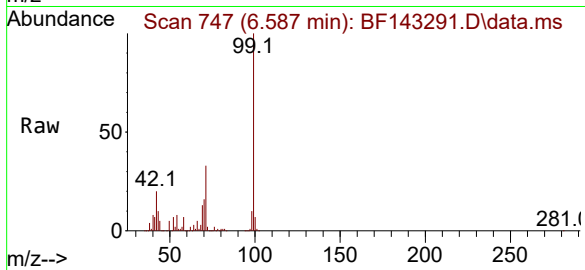




#7
Phenol-d6
Concen: 126.114 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF143291.D
Acq: 04 Aug 2025 12:40

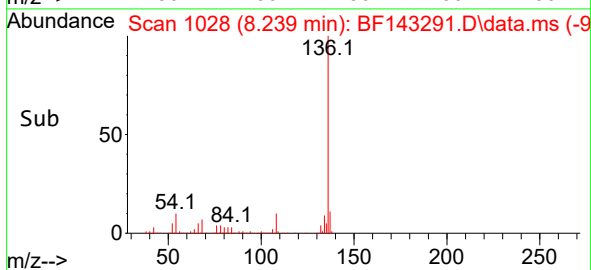
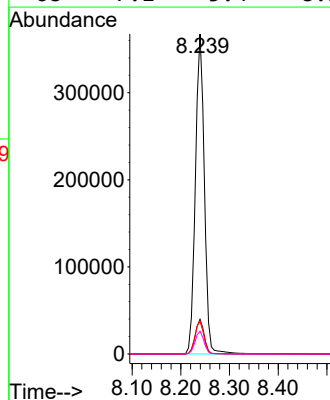
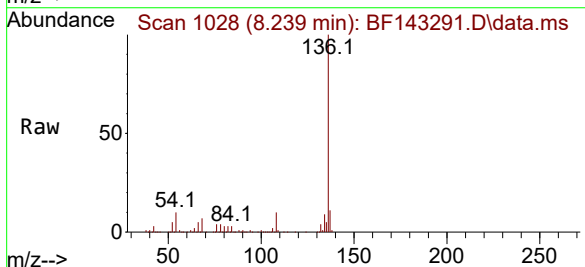
Instrument :
BNA_F
ClientSampleId :
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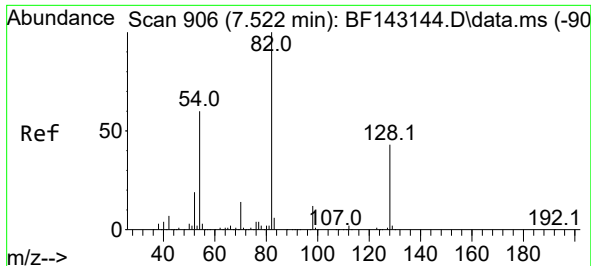
Tgt Ion: 99 Resp: 1233911
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 32.9 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143291.D
Acq: 04 Aug 2025 12:40

Tgt Ion: 136 Resp: 474055
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.2 8.2 12.2
68 7.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 84.755 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143291.D

Acq: 04 Aug 2025 12:40

Instrument :

BNA_F

ClientSampleId :

PB169095BL

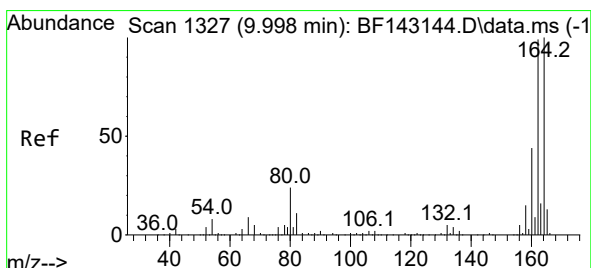
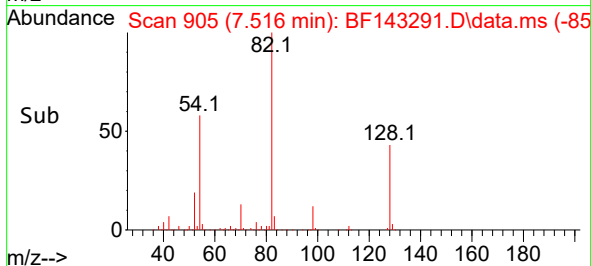
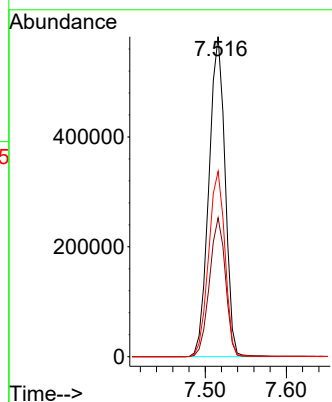
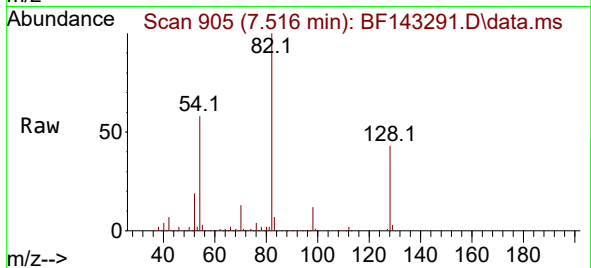
Tgt Ion: 82 Resp: 806034

Ion Ratio Lower Upper

82 100

128 43.4 33.6 50.4

54 57.9 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: BF143291.D

Acq: 04 Aug 2025 12:40

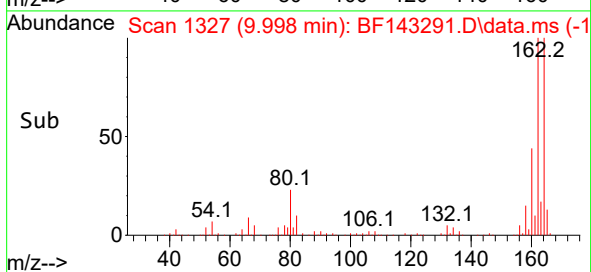
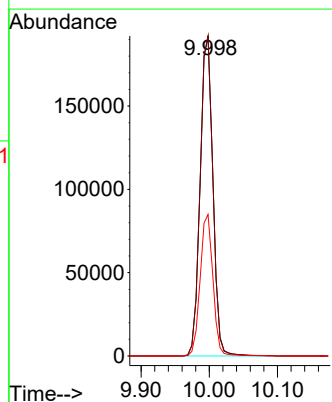
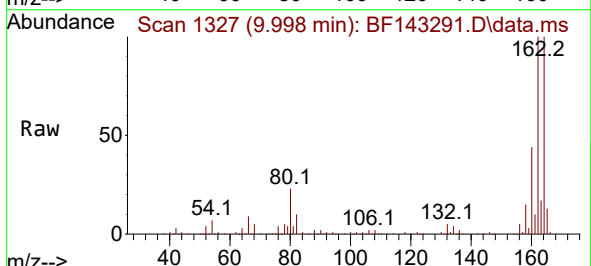
Tgt Ion: 164 Resp: 249464

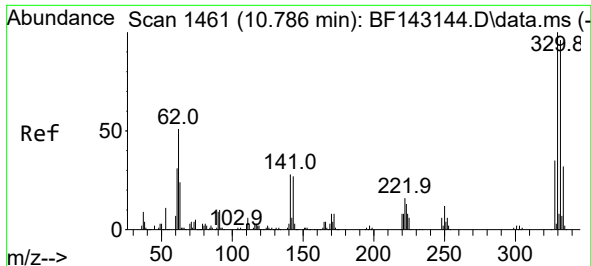
Ion Ratio Lower Upper

164 100

162 100.3 79.0 118.6

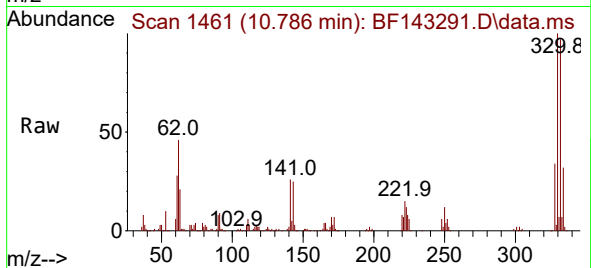
160 44.3 35.1 52.7



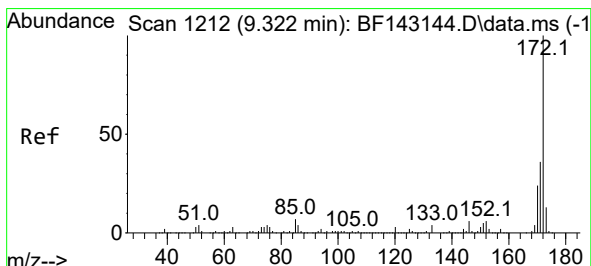
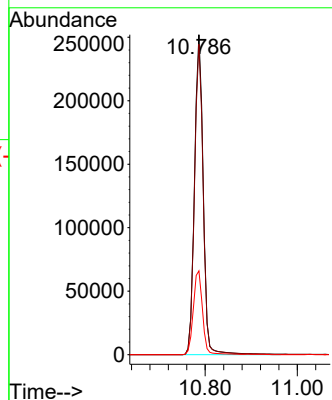
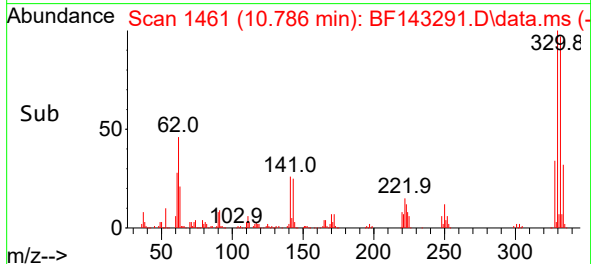


#42
2,4,6-Tribromophenol
Concen: 127.970 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143291.D
Acq: 04 Aug 2025 12:40

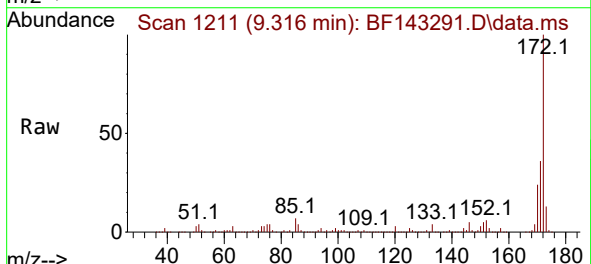
Instrument :
BNA_F
ClientSampleId :
PB169095BL



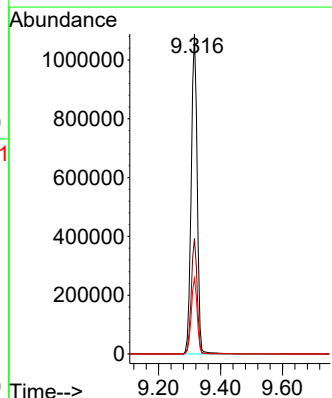
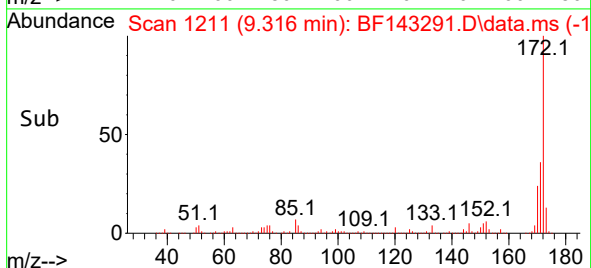
Tgt Ion:330 Resp: 329791
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 27.7 23.3 34.9

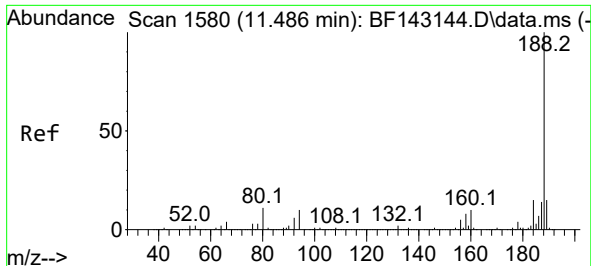


#45
2-Fluorobiphenyl
Concen: 80.209 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143291.D
Acq: 04 Aug 2025 12:40



Tgt Ion:172 Resp: 1463068
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 23.6 18.8 28.2

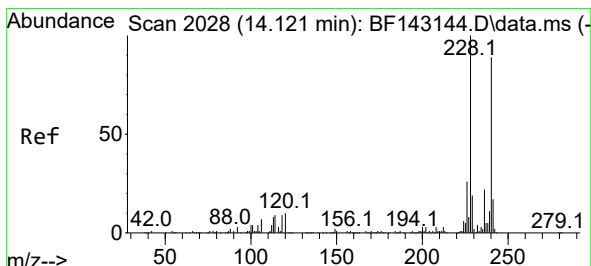
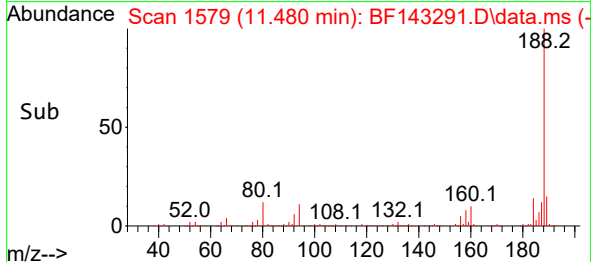
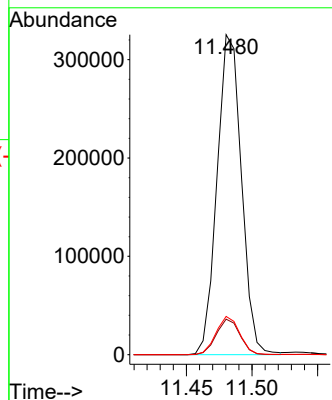
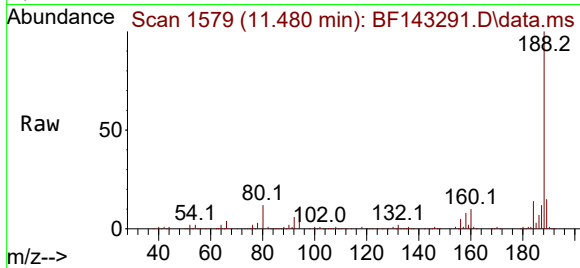




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143291.D
Acq: 04 Aug 2025 12:40

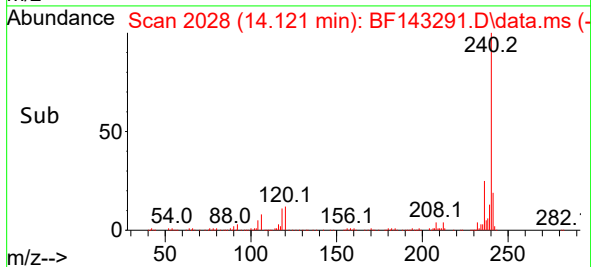
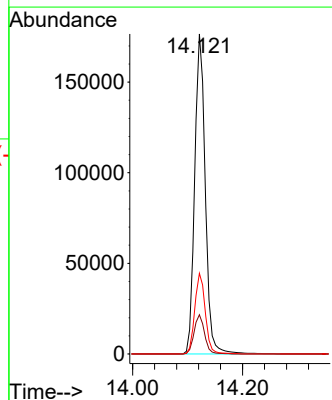
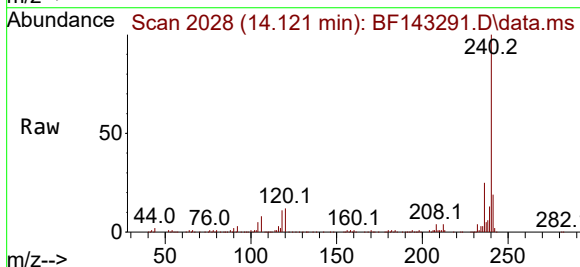
Instrument :
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PB169095BL

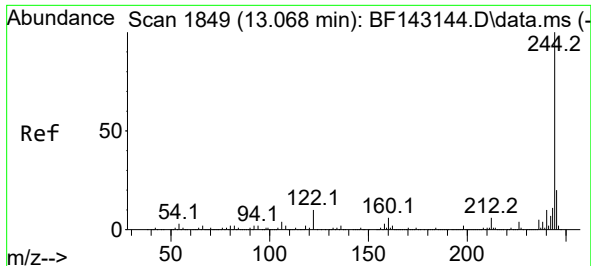
Tgt Ion:188 Resp: 420600
Ion Ratio Lower Upper
188 100
94 11.1 8.3 12.5
80 11.9 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143291.D
Acq: 04 Aug 2025 12:40

Tgt Ion:240 Resp: 235791
Ion Ratio Lower Upper
240 100
120 12.2 9.4 14.2
236 25.2 20.2 30.4

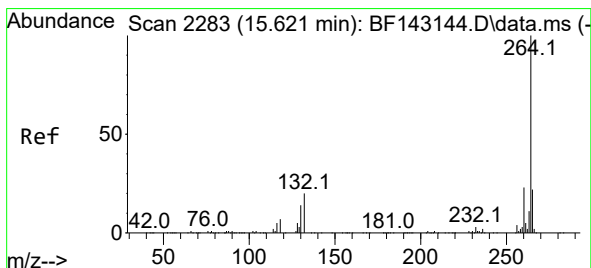
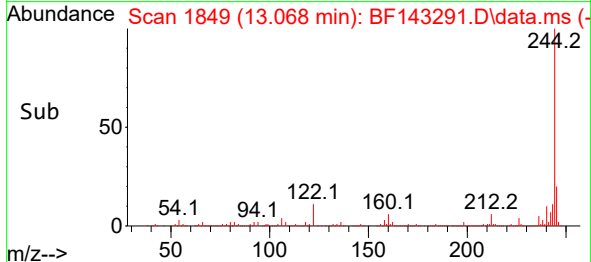
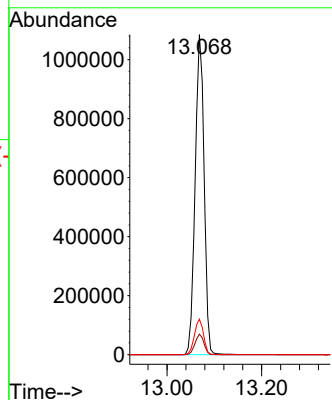
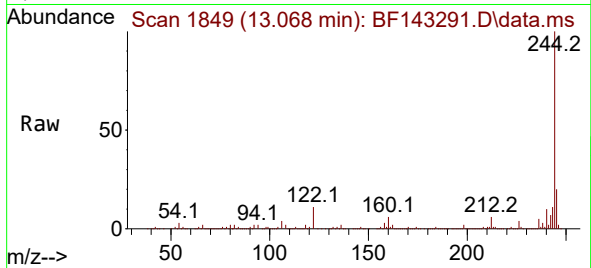




#79
 Terphenyl-d14
 Concen: 89.663 ng
 RT: 13.068 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143291.D
 Acq: 04 Aug 2025 12:40

Instrument :
 BNA_F
 ClientSampleId :
 PB169095BL

Tgt Ion:244 Resp: 1420713
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 11.1 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: BF143291.D
 Acq: 04 Aug 2025 12:40

Tgt Ion:264 Resp: 244639
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 21.6 17.4 26.2

