

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
 Data File : BF143301.D
 Acq On : 04 Aug 2025 17:34
 Operator : RC/JU
 Sample : Q2753-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 289

Quant Time: Aug 04 17:58:44 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	99718	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	340829	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	143795	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	235296	20.000	ng	0.00
76) Chrysene-d12	14.121	240	261509	20.000	ng	0.00
86) Perylene-d12	15.633	264	211170	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	745042	118.234	ng	0.02
7) Phenol-d6	6.587	99	835157	105.296	ng	0.00
23) Nitrobenzene-d5	7.516	82	626316	91.600	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	203163	136.766	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1013121	96.357	ng	0.00
79) Terphenyl-d14	13.069	244	1088369	61.933	ng	0.00

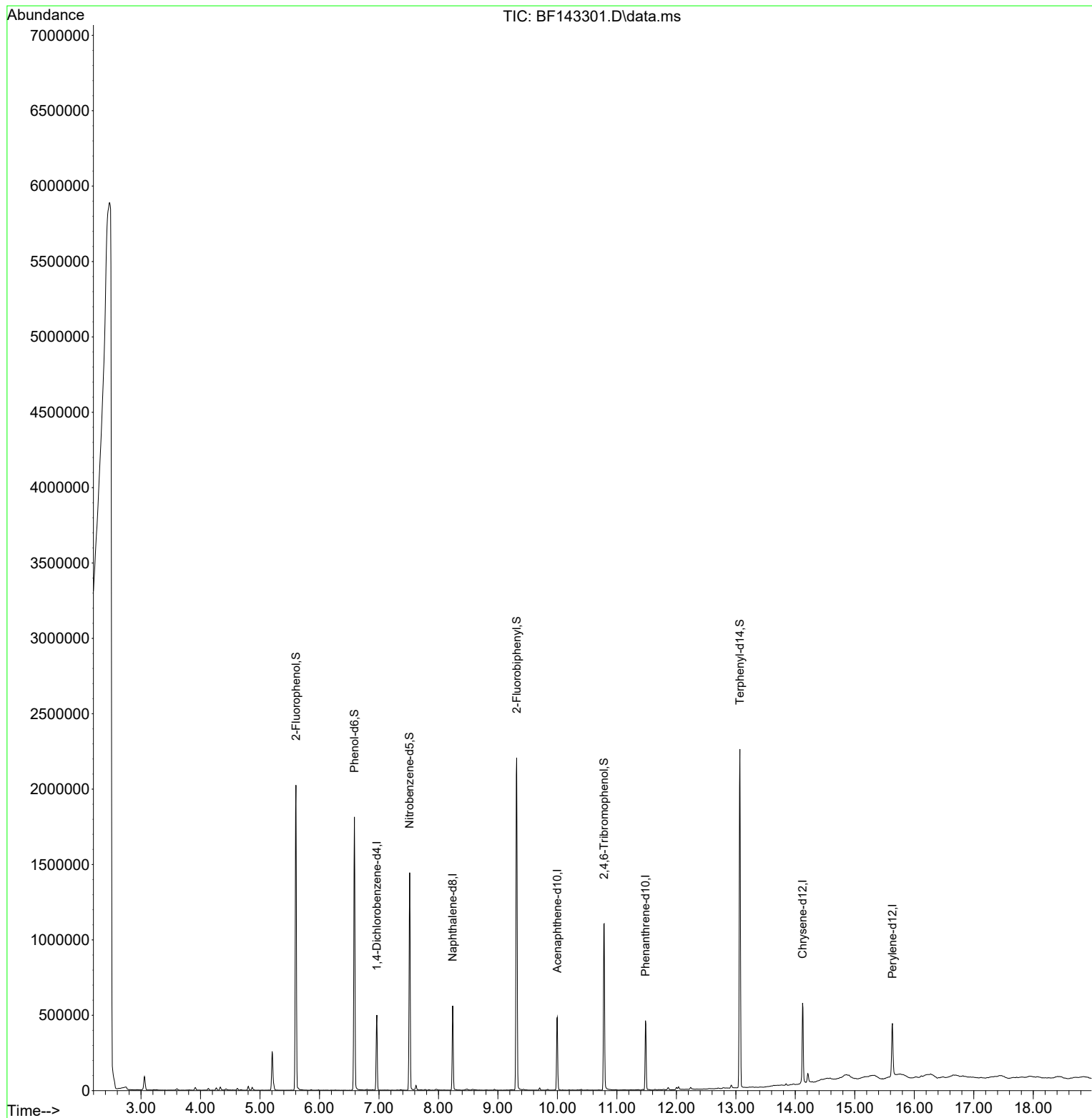
Target Compounds	Qvalue

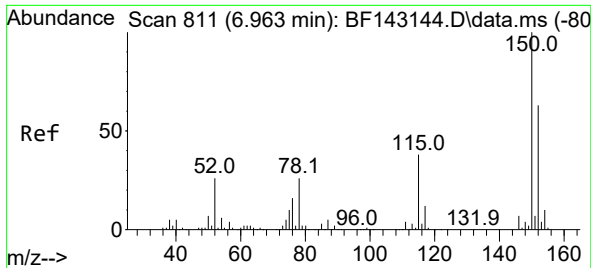
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143301.D
Acq On : 04 Aug 2025 17:34
Operator : RC/JU
Sample : Q2753-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
289

Quant Time: Aug 04 17:58:44 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

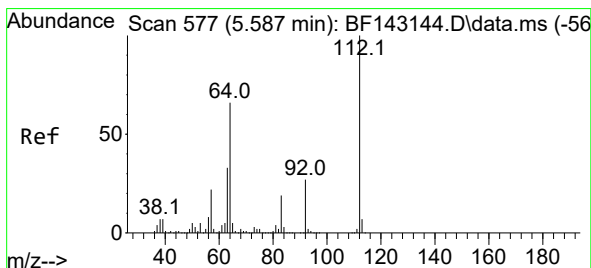
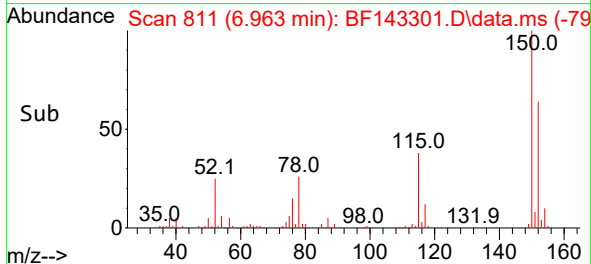
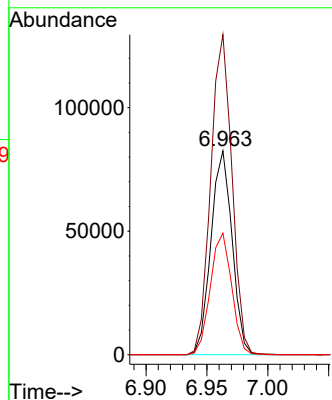
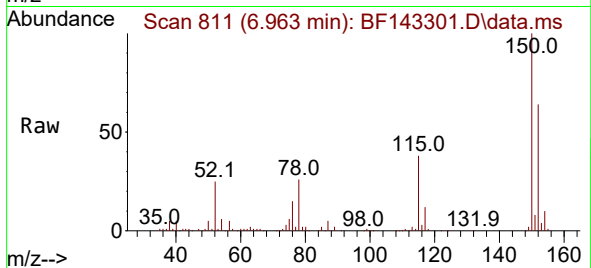




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

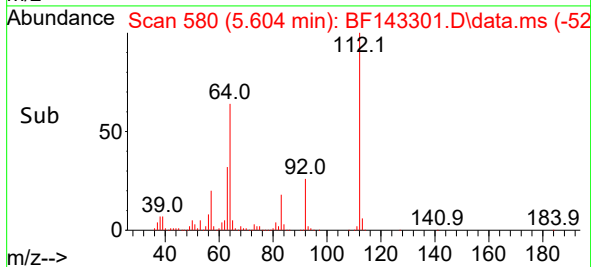
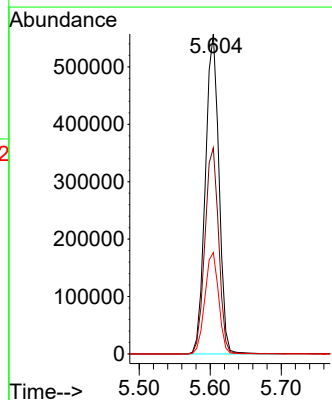
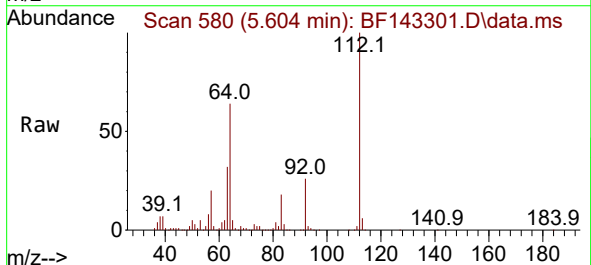
Instrument :
 BNA_F
 ClientSampleId :
 289

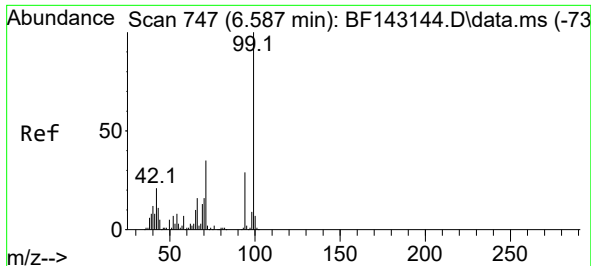
Tgt Ion:152 Resp: 99718
 Ion Ratio Lower Upper
 152 100
 150 157.0 128.2 192.4
 115 59.6 47.9 71.9



#5
 2-Fluorophenol
 Concen: 118.234 ng
 RT: 5.604 min Scan# 580
 Delta R.T. 0.018 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

Tgt Ion:112 Resp: 745042
 Ion Ratio Lower Upper
 112 100
 64 64.4 53.1 79.7
 63 31.7 26.6 40.0

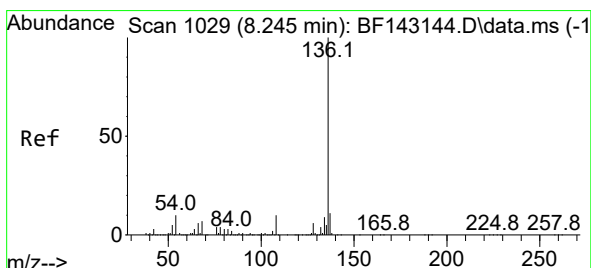
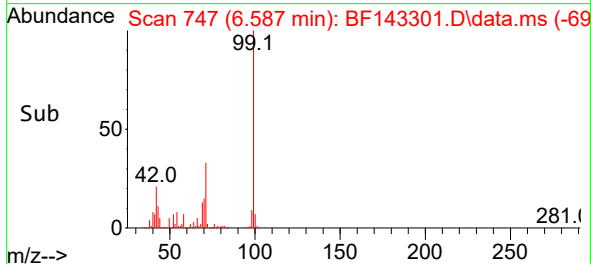
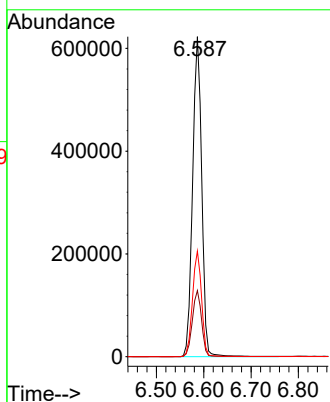
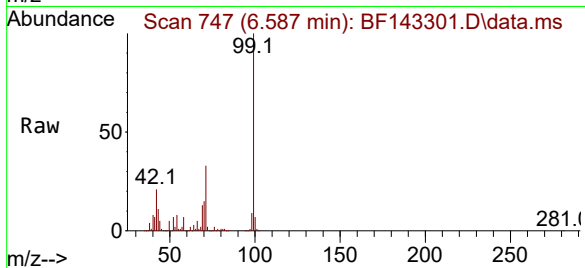




#7
Phenol-d6
Concen: 105.296 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143301.D
Acq: 04 Aug 2025 17:34

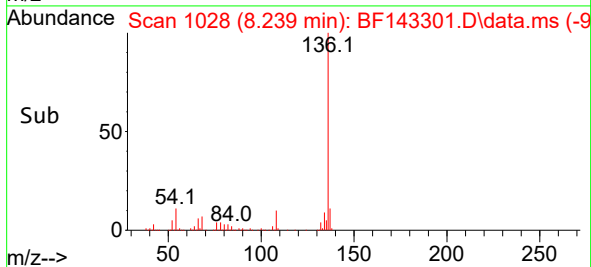
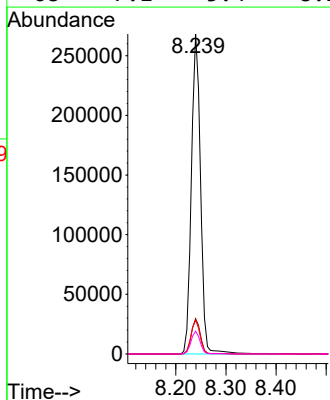
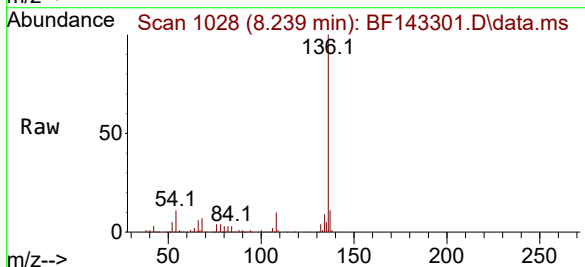
Instrument :
BNA_F
ClientSampleId :
289

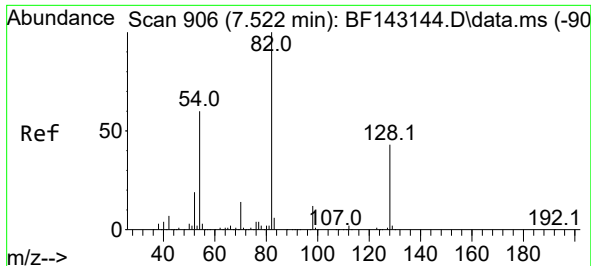
Tgt Ion: 99 Resp: 835157
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 33.0 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143301.D
Acq: 04 Aug 2025 17:34

Tgt Ion: 136 Resp: 340829
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.5 8.2 12.2
68 7.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 91.600 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143301.D

Acq: 04 Aug 2025 17:34

Instrument :

BNA_F

ClientSampleId :

289

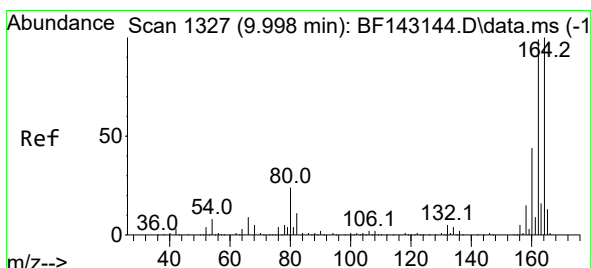
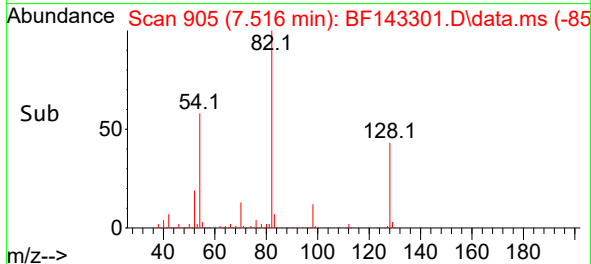
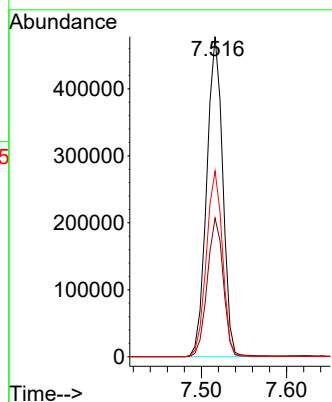
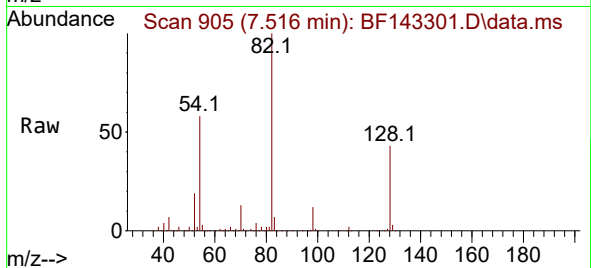
Tgt Ion: 82 Resp: 626316

Ion Ratio Lower Upper

82 100

128 43.3 33.6 50.4

54 58.1 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: BF143301.D

Acq: 04 Aug 2025 17:34

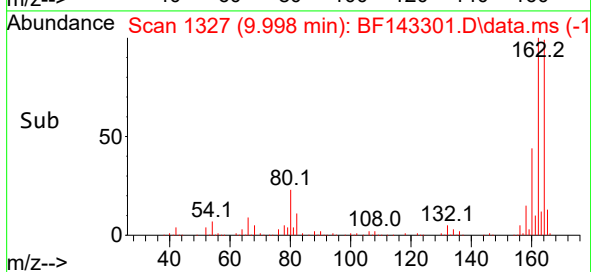
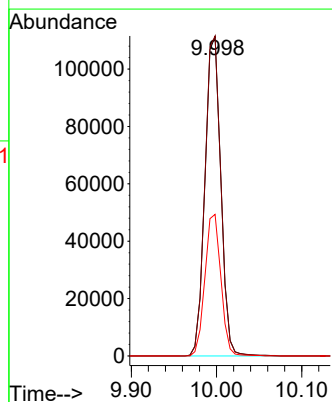
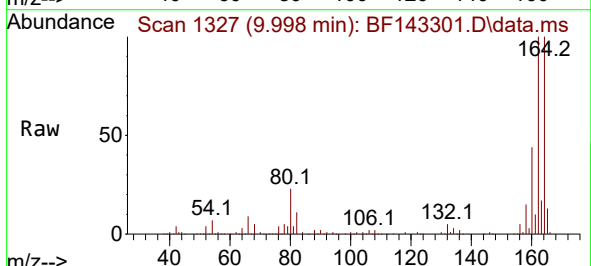
Tgt Ion:164 Resp: 143795

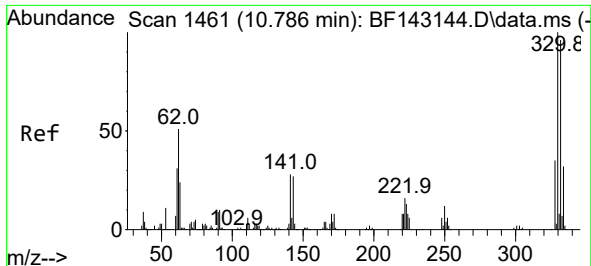
Ion Ratio Lower Upper

164 100

162 100.3 79.0 118.6

160 44.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 136.766 ng

RT: 10.786 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF143301.D

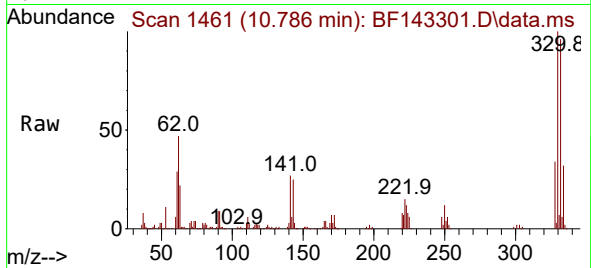
Acq: 04 Aug 2025 17:34

Instrument :

BNA_F

ClientSampleId :

289



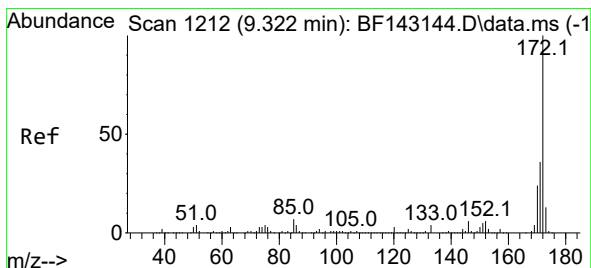
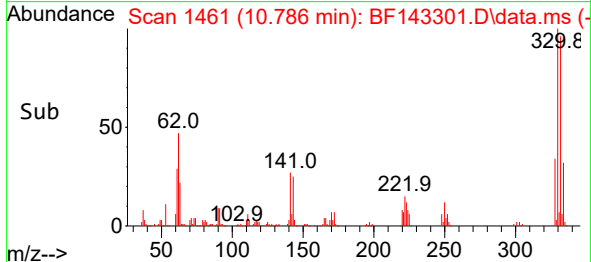
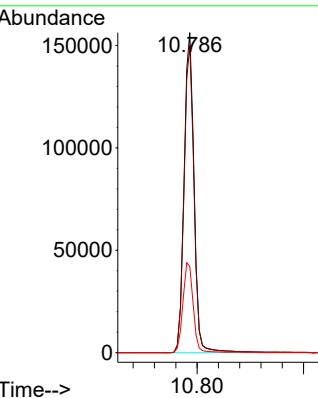
Tgt Ion:330 Resp: 203163

Ion Ratio Lower Upper

330 100

332 96.7 76.7 115.1

141 29.4 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 96.357 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143301.D

Acq: 04 Aug 2025 17:34

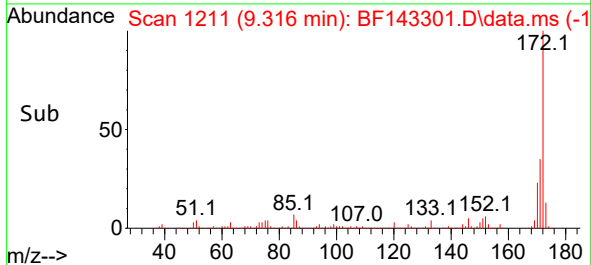
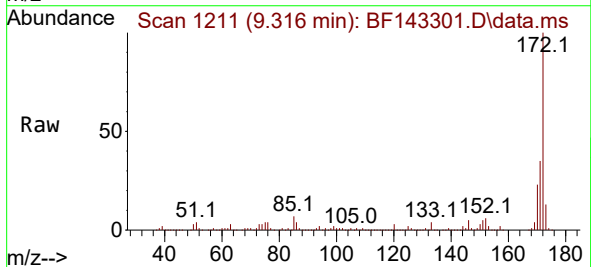
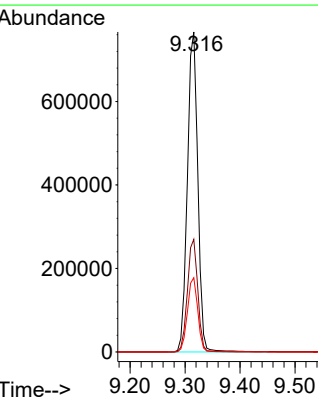
Tgt Ion:172 Resp: 1013121

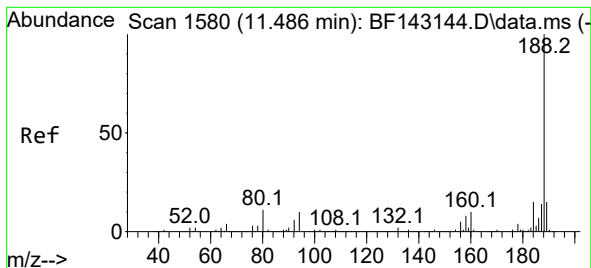
Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.2 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: BF143301.D

Acq: 04 Aug 2025 17:34

Instrument :

BNA_F

ClientSampleId :

289

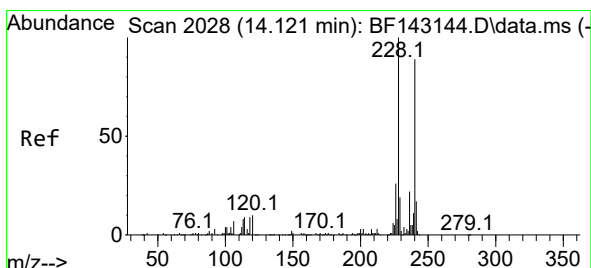
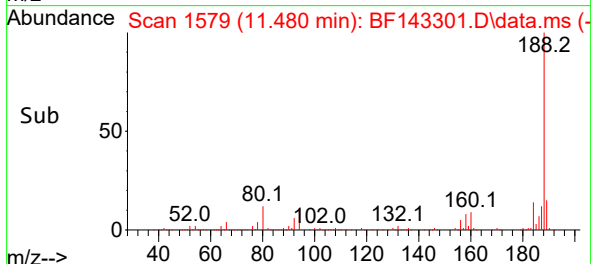
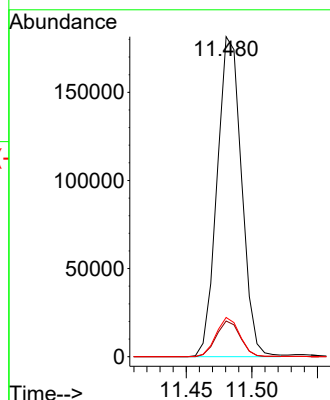
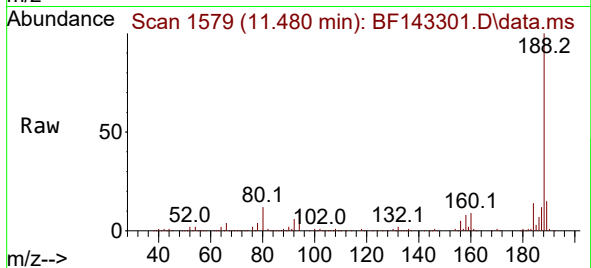
Tgt Ion:188 Resp: 235296

Ion Ratio Lower Upper

188 100

94 11.2 8.3 12.5

80 12.3 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: BF143301.D

Acq: 04 Aug 2025 17:34

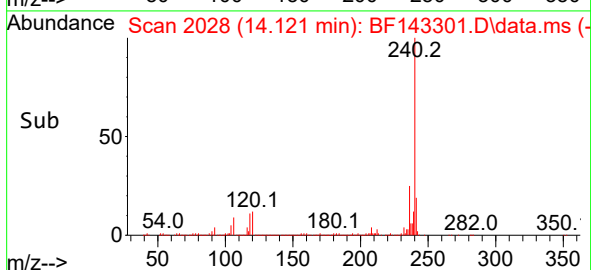
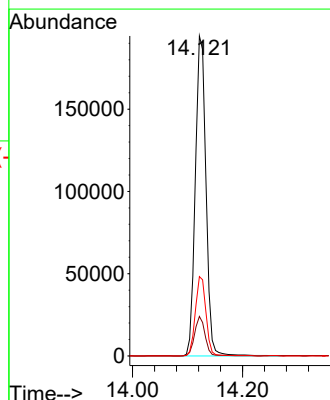
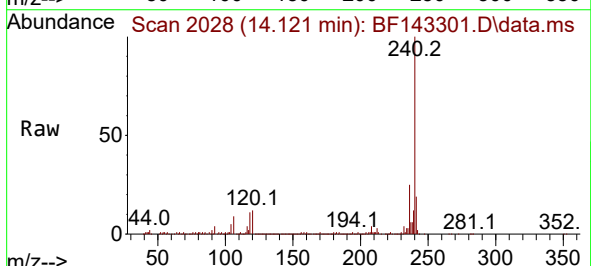
Tgt Ion:240 Resp: 261509

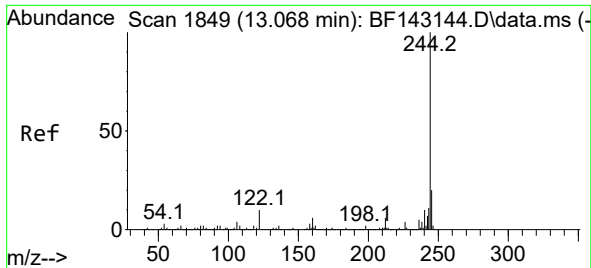
Ion Ratio Lower Upper

240 100

120 12.3 9.4 14.2

236 24.8 20.2 30.4

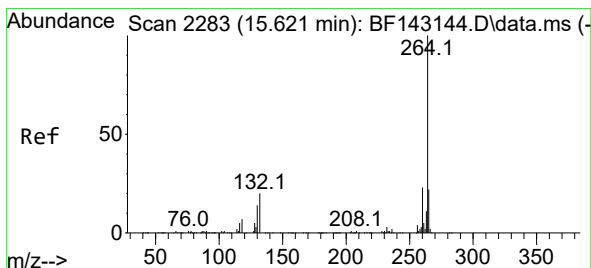
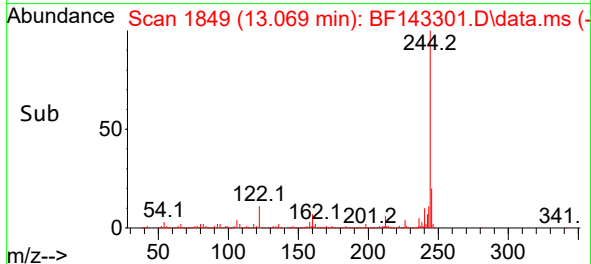
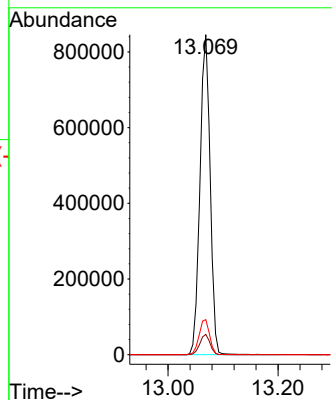
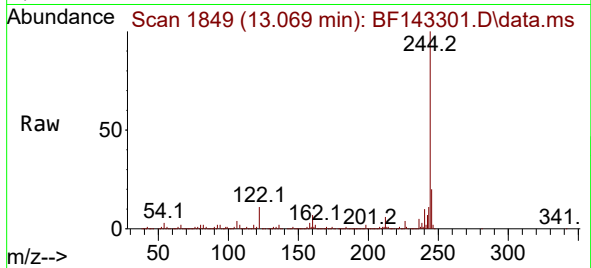




#79
 Terphenyl-d14
 Concen: 61.933 ng
 RT: 13.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

Instrument :
 BNA_F
 ClientSampleId :
 289

Tgt Ion:244 Resp: 1088369
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.2 7.8
 122 11.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 2285
 Delta R.T. 0.012 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

Tgt Ion:264 Resp: 211170
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 22.2 17.4 26.2

