

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
 Data File : BF143211.D
 Acq On : 23 Jul 2025 15:02
 Operator : RC/JU
 Sample : PB168926TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168926TB

Quant Time: Jul 23 15:38:05 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	116721	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	444530	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	231009	20.000	ng	0.00
64) Phenanthrene-d10	11.481	188	395154	20.000	ng	0.00
76) Chrysene-d12	14.122	240	268502	20.000	ng	0.00
86) Perylene-d12	15.627	264	278322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	840890	114.005	ng	0.02
7) Phenol-d6	6.587	99	1050509	113.153	ng	0.00
23) Nitrobenzene-d5	7.516	82	712177	79.859	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	283835	118.936	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1318120	78.036	ng	0.00
79) Terphenyl-d14	13.069	244	1312385	72.736	ng	0.00

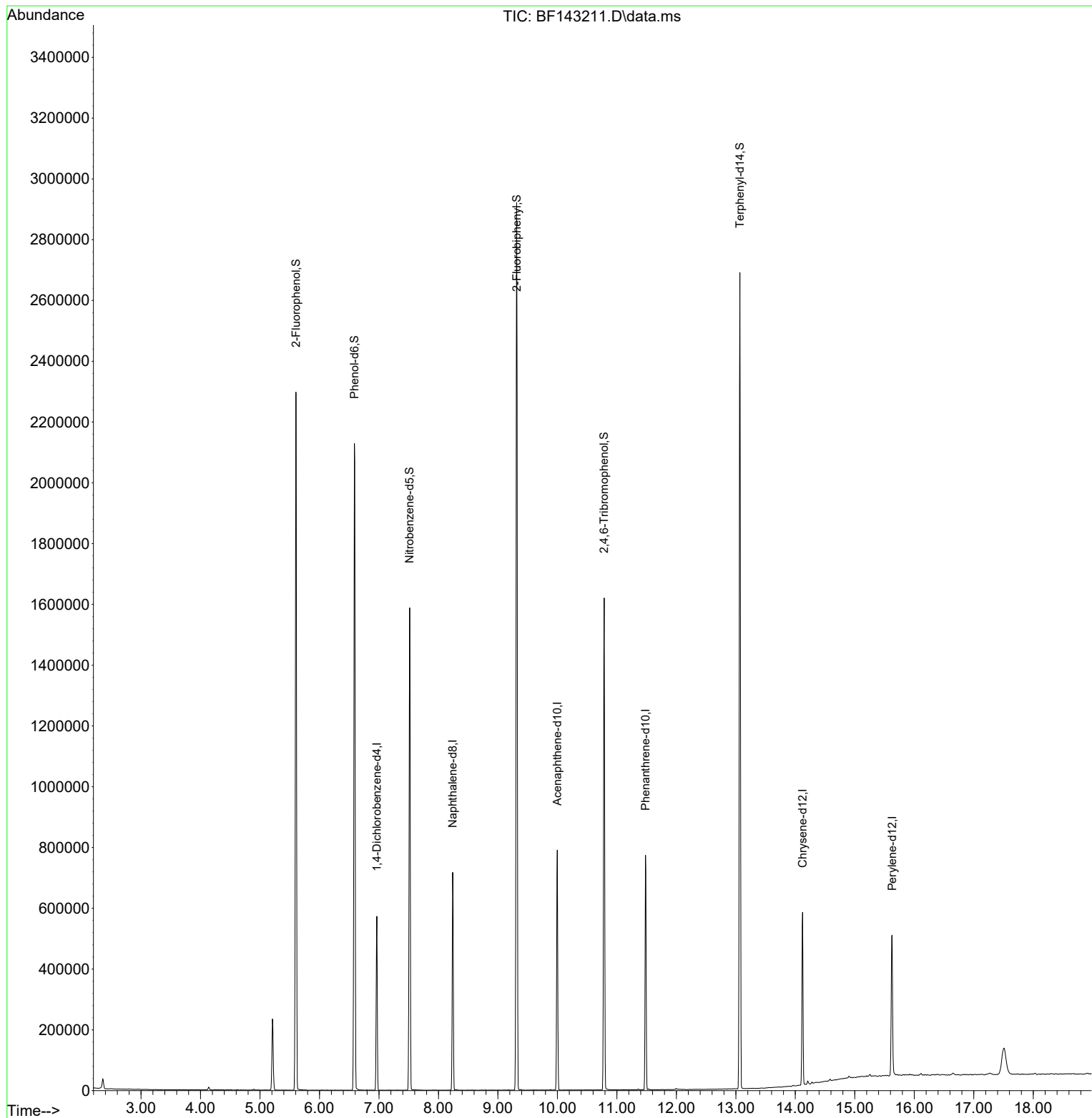
Target Compounds	Qvalue

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

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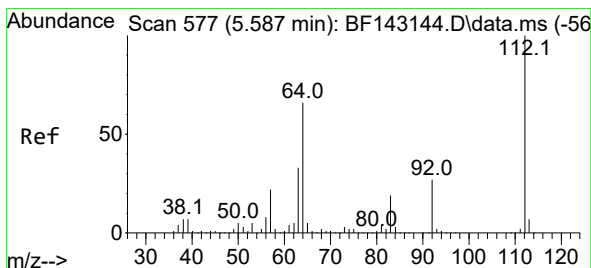
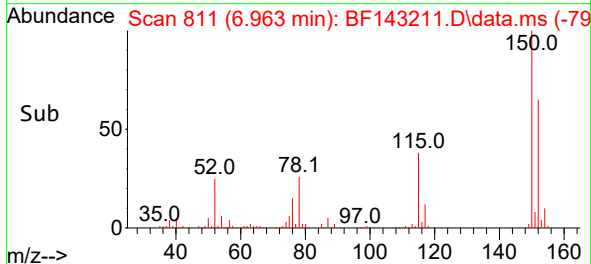
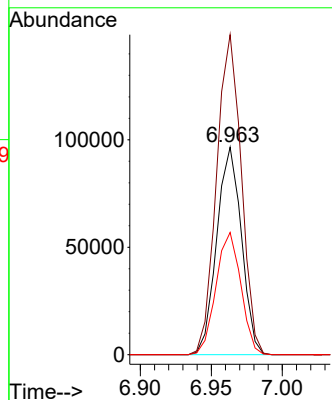
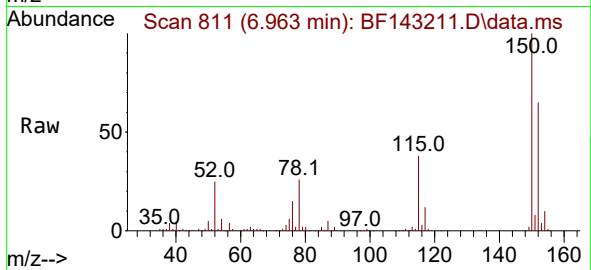




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

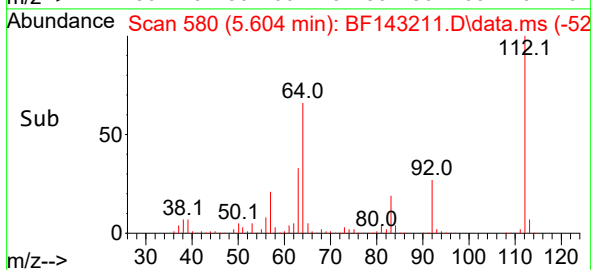
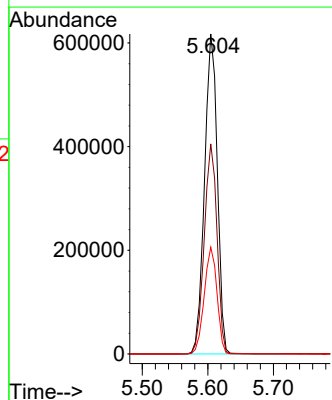
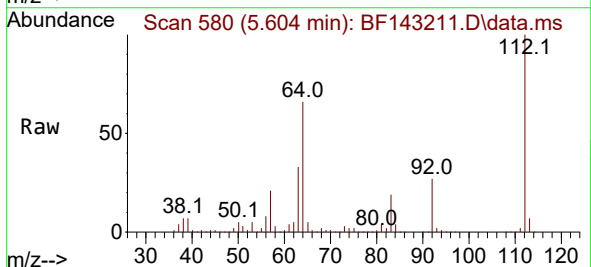
Instrument :
BNA_F
ClientSampleId :
PB168926TB

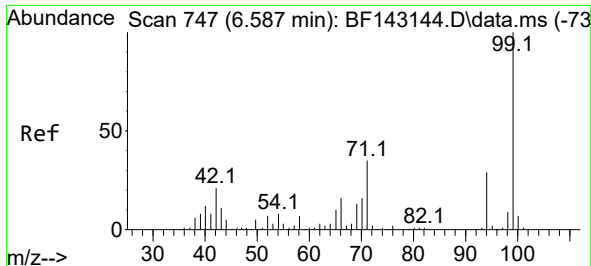
Tgt Ion:152 Resp: 116721
Ion Ratio Lower Upper
152 100
150 154.2 128.2 192.4
115 59.0 47.9 71.9



#5
2-Fluorophenol
Concen: 114.005 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

Tgt Ion:112 Resp: 840890
Ion Ratio Lower Upper
112 100
64 65.7 53.1 79.7
63 33.4 26.6 40.0

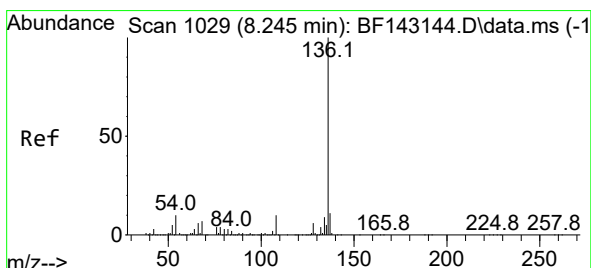
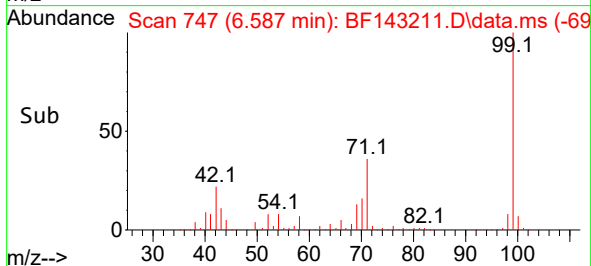
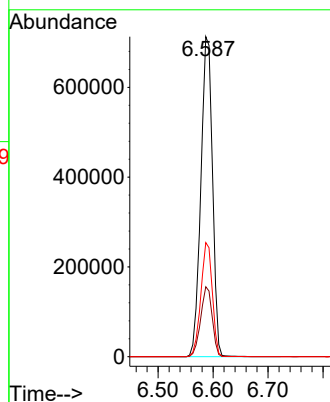
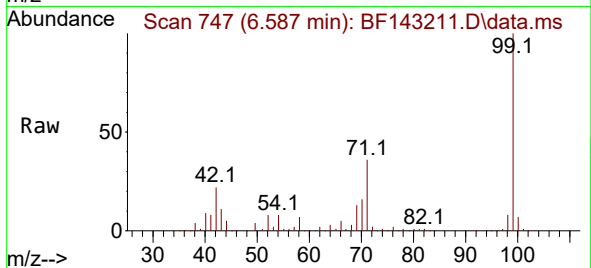




#7
Phenol-d6
Concen: 113.153 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

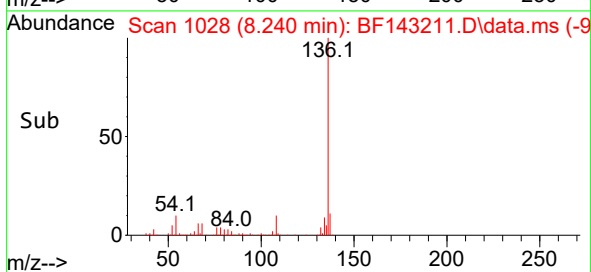
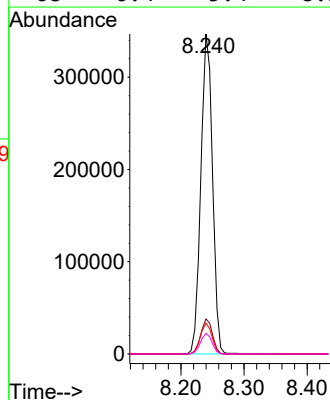
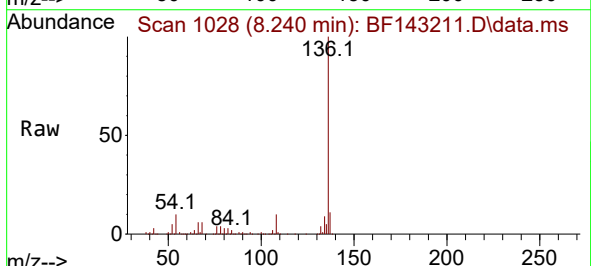
Instrument :
BNA_F
ClientSampleId :
PB168926TB

Tgt Ion: 99 Resp: 1050509
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 35.6 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: BF143211.D
Acq: 23 Jul 2025 15:02

Tgt Ion:136 Resp: 444530
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.6 8.2 12.2
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 79.859 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143211.D

Acq: 23 Jul 2025 15:02

Instrument :

BNA_F

ClientSampleId :

PB168926TB

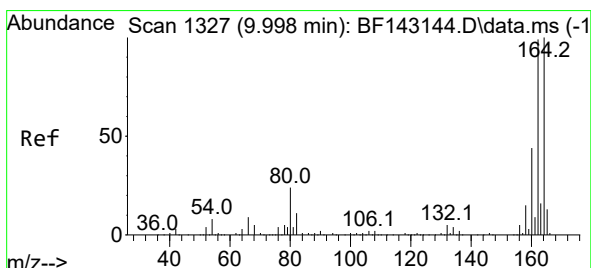
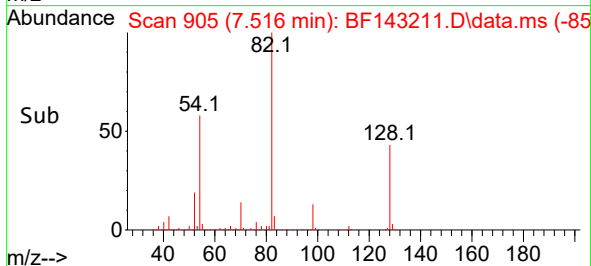
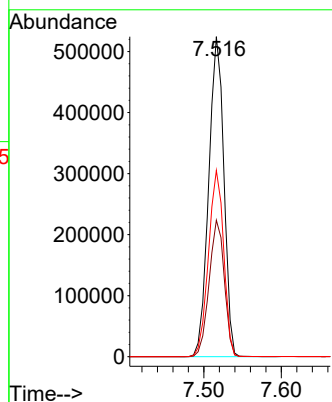
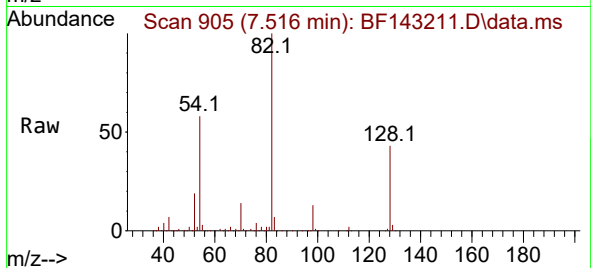
Tgt Ion: 82 Resp: 712177

Ion Ratio Lower Upper

82 100

128 42.6 33.6 50.4

54 58.2 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: BF143211.D

Acq: 23 Jul 2025 15:02

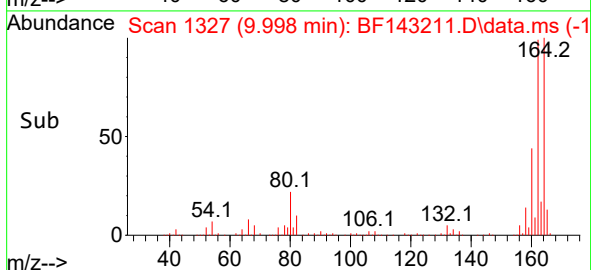
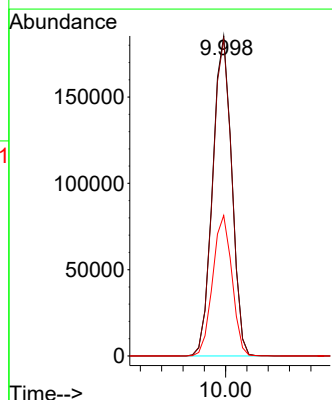
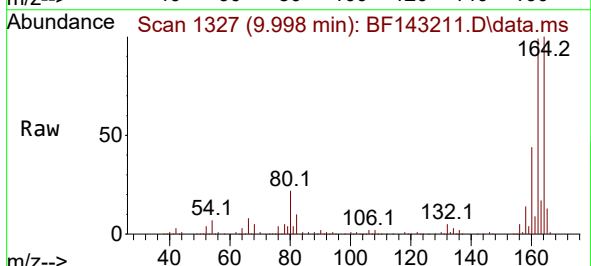
Tgt Ion:164 Resp: 231009

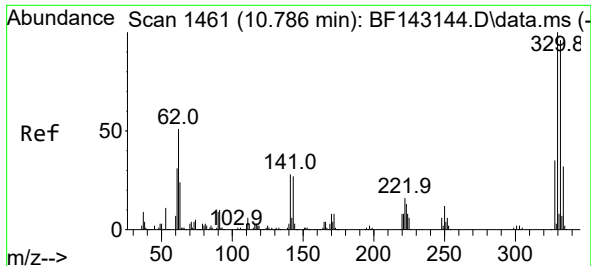
Ion Ratio Lower Upper

164 100

162 99.1 79.0 118.6

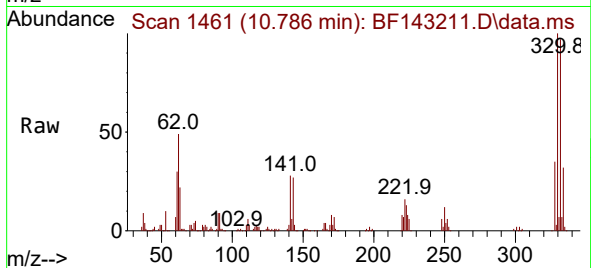
160 43.9 35.1 52.7



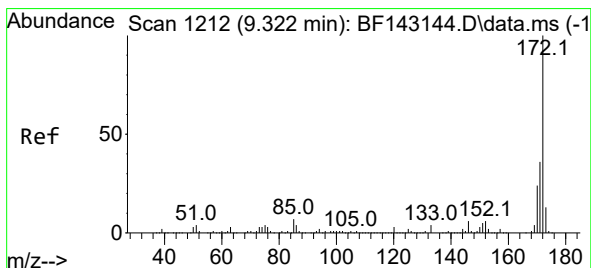
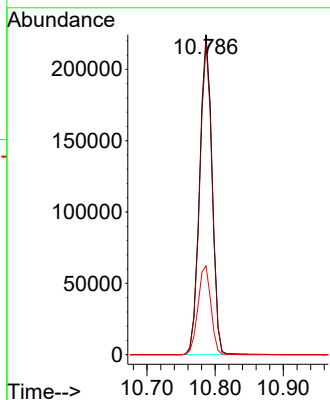
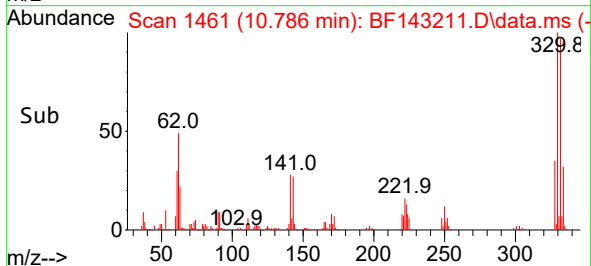


#42
2,4,6-Tribromophenol
Concen: 118.936 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

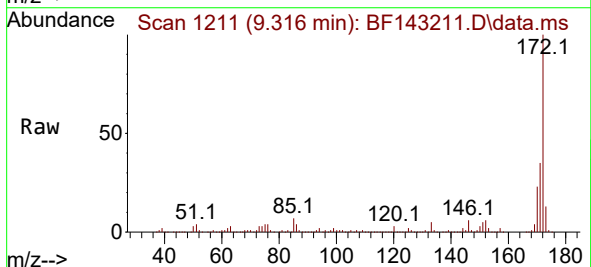
Instrument :
BNA_F
ClientSampleId :
PB168926TB



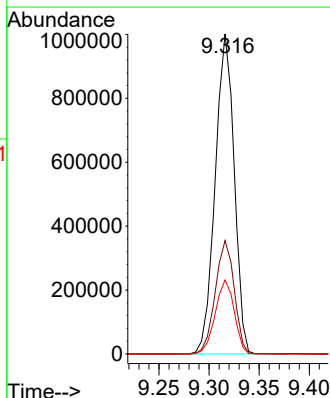
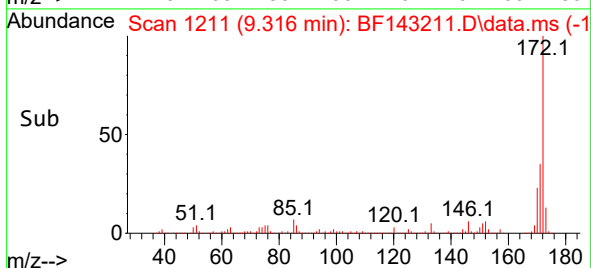
Tgt Ion:330 Resp: 283835
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 28.7 23.3 34.9

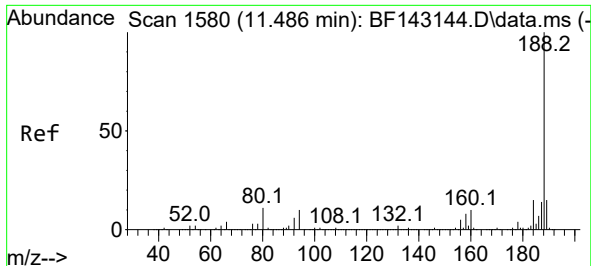


#45
2-Fluorobiphenyl
Concen: 78.036 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02



Tgt Ion:172 Resp: 1318120
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.2 18.8 28.2

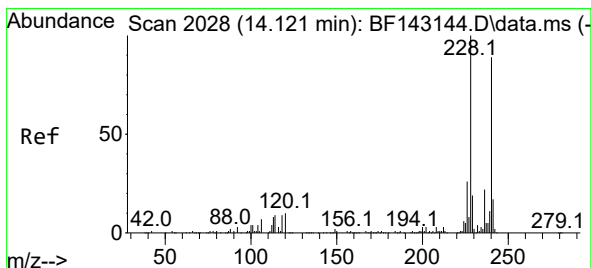
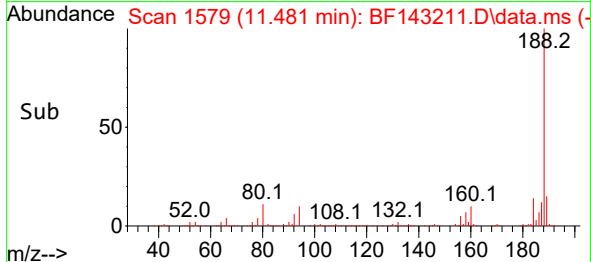
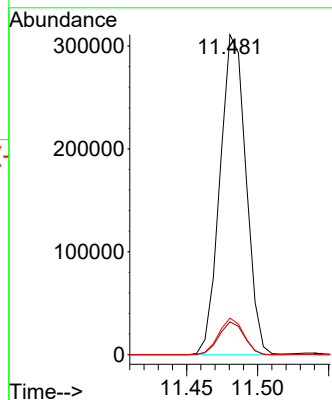
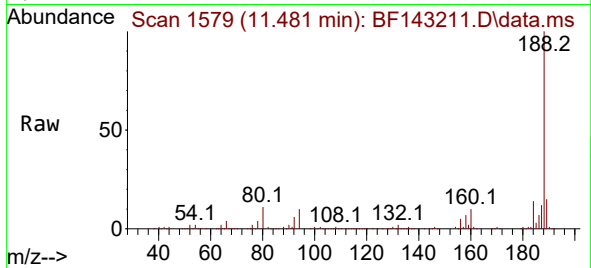




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.481 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

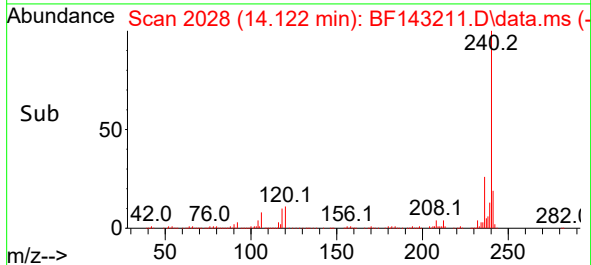
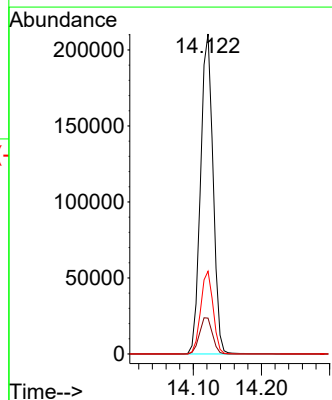
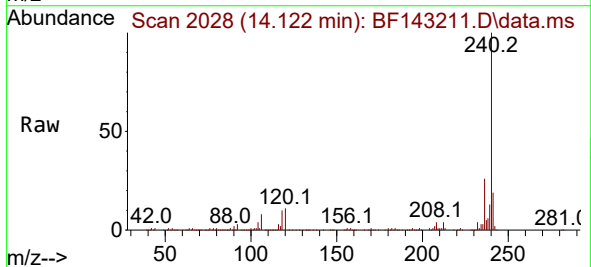
Instrument :
BNA_F
ClientSampleId :
PB168926TB

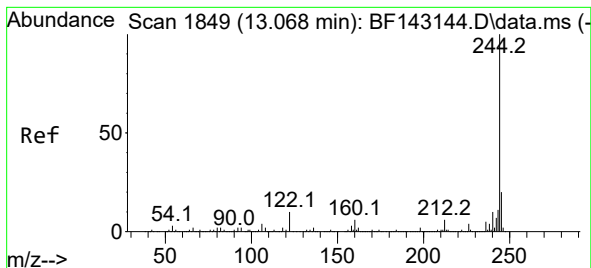
Tgt Ion:188 Resp: 395154
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 11.4 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.122 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143211.D
Acq: 23 Jul 2025 15:02

Tgt Ion:240 Resp: 268502
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 25.9 20.2 30.4





#79

Terphenyl-d14

Concen: 72.736 ng

RT: 13.069 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF143211.D

Acq: 23 Jul 2025 15:02

Instrument :

BNA_F

ClientSampleId :

PB168926TB

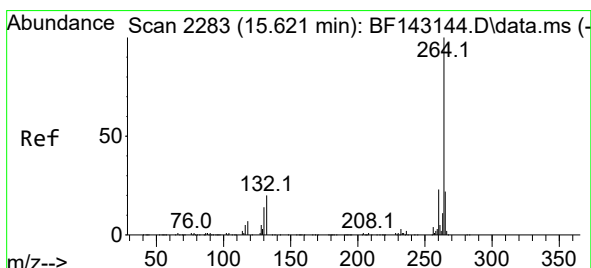
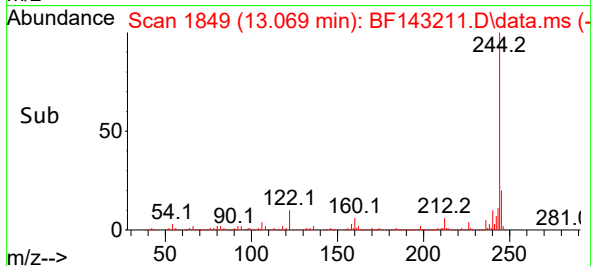
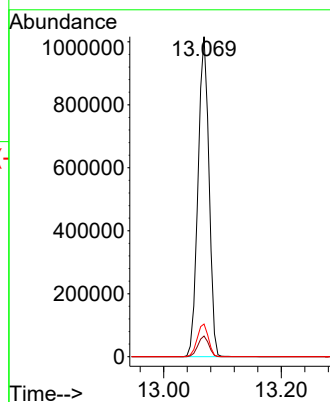
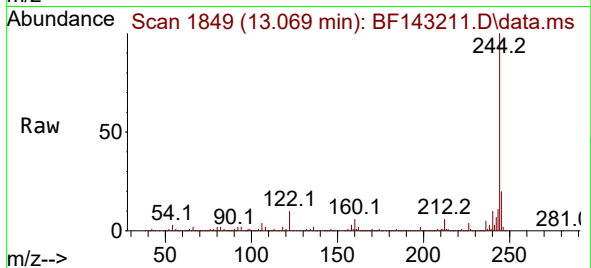
Tgt Ion:244 Resp: 1312385

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

122 10.2 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: BF143211.D

Acq: 23 Jul 2025 15:02

Tgt Ion:264 Resp: 278322

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 20.9 17.4 26.2

