

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143114.D
 Acq On : 16 Jul 2025 15:13
 Operator : RC/JU
 Sample : PB168802BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168802BL

Quant Time: Jul 16 15:35:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:53:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	142052	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	546431	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	282321	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	487981	20.000	ng	0.00
76) Chrysene-d12	14.127	240	287106	20.000	ng	0.00
86) Perylene-d12	15.633	264	229634	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	1033680	114.968	ng	0.01
7) Phenol-d6	6.581	99	1307276	115.671	ng	0.00
23) Nitrobenzene-d5	7.522	82	825206	84.718	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	342011	135.863	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1577993	74.298	ng	0.00
79) Terphenyl-d14	13.074	244	1552831	79.063	ng	0.00

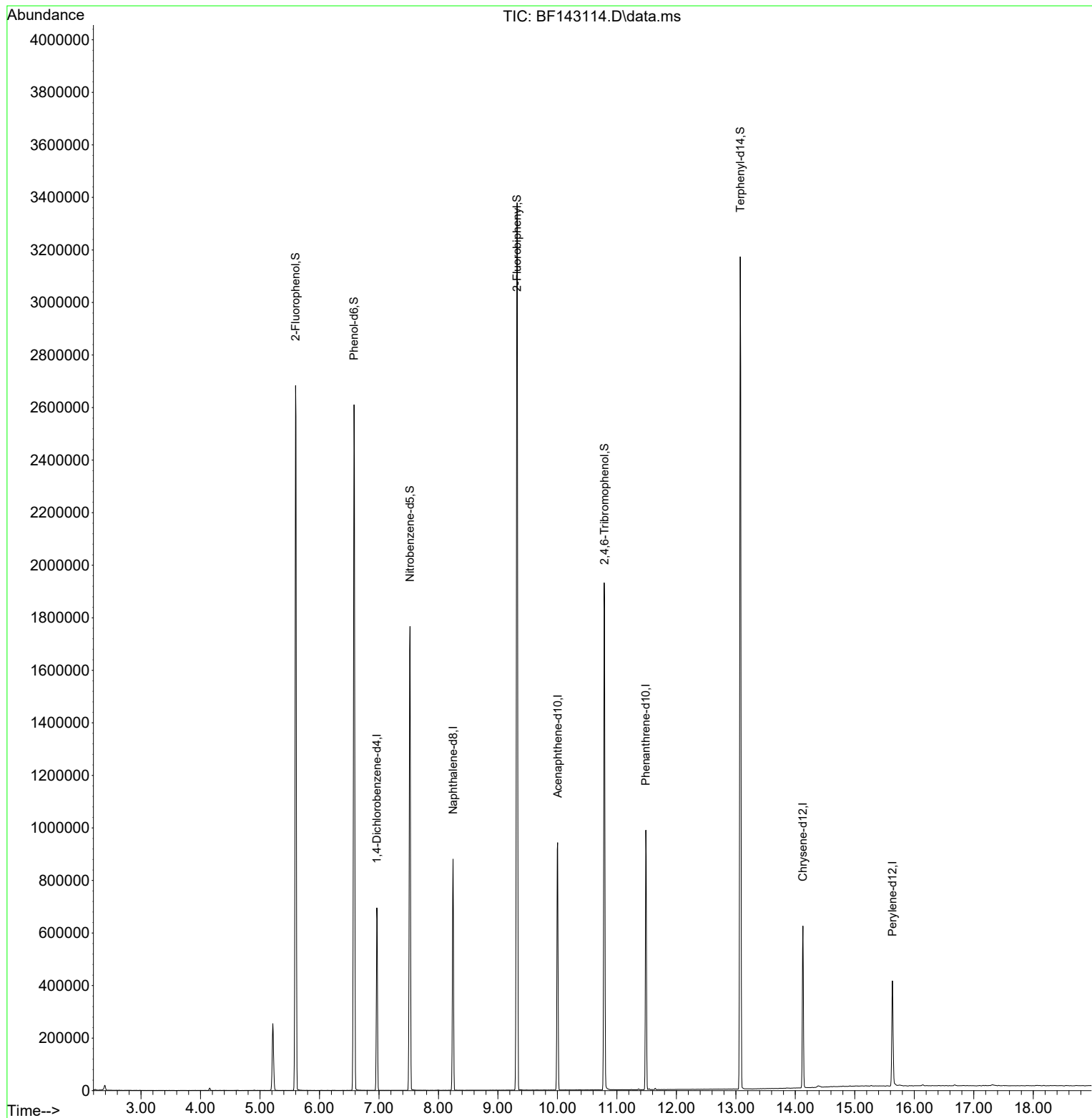
Target Compounds	Qvalue

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

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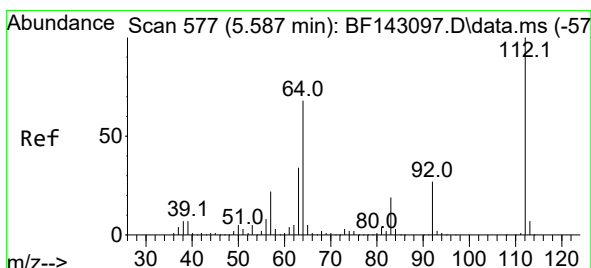
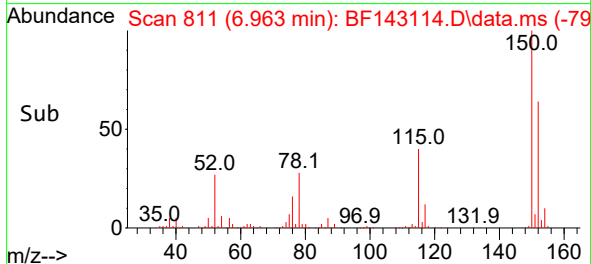
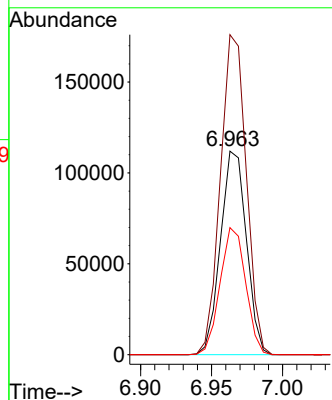
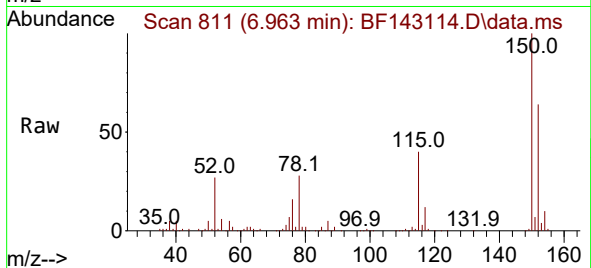




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF143114.D
Acq: 16 Jul 2025 15:13

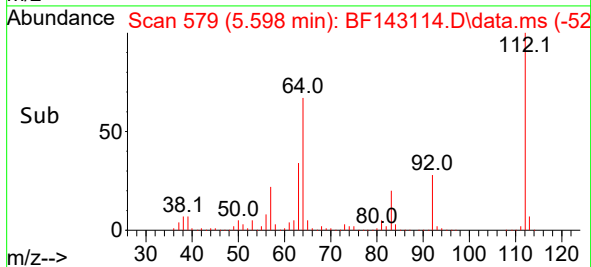
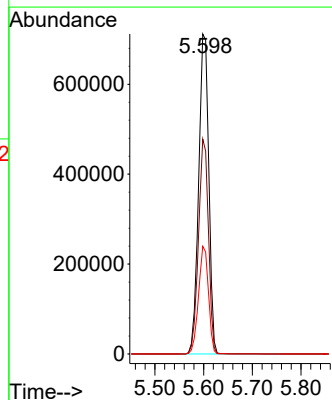
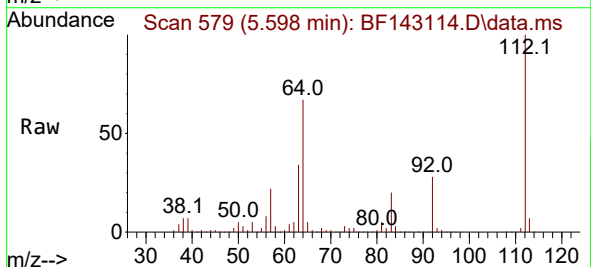
Instrument :
BNA_F
ClientSampleId :
PB168802BL

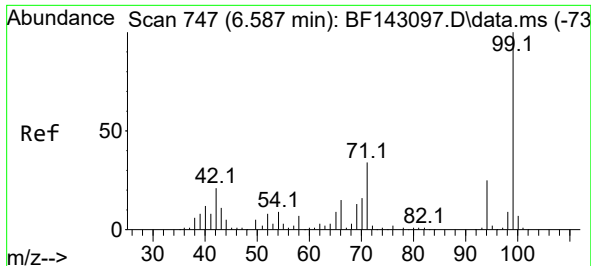
Tgt Ion:152 Resp: 142052
Ion Ratio Lower Upper
152 100
150 157.2 126.5 189.7
115 62.4 47.0 70.6



#5
2-Fluorophenol
Concen: 114.968 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143114.D
Acq: 16 Jul 2025 15:13

Tgt Ion:112 Resp: 1033680
Ion Ratio Lower Upper
112 100
64 67.1 54.6 82.0
63 33.6 27.3 40.9

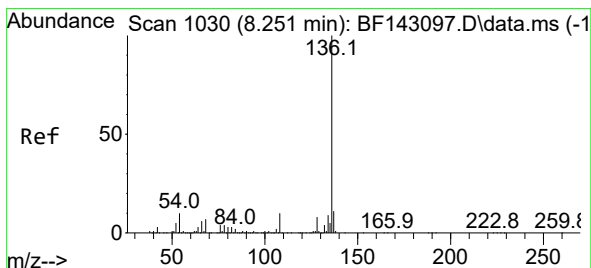
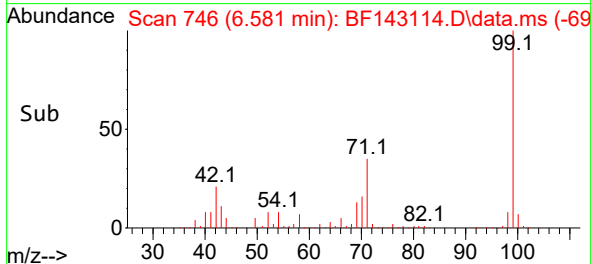
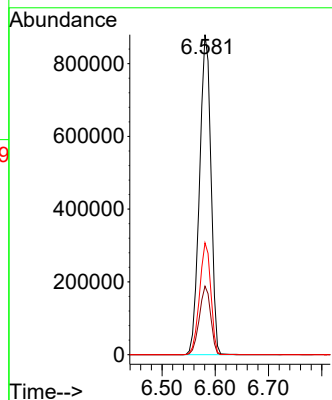
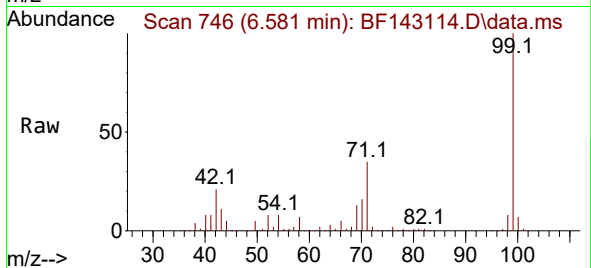




#7
Phenol-d6
Concen: 115.671 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143114.D
Acq: 16 Jul 2025 15:13

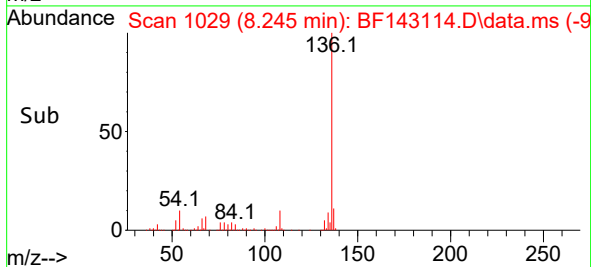
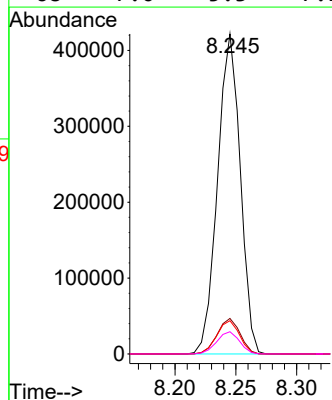
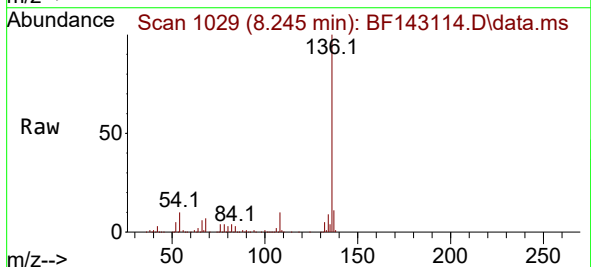
Instrument :
BNA_F
ClientSampleId :
PB168802BL

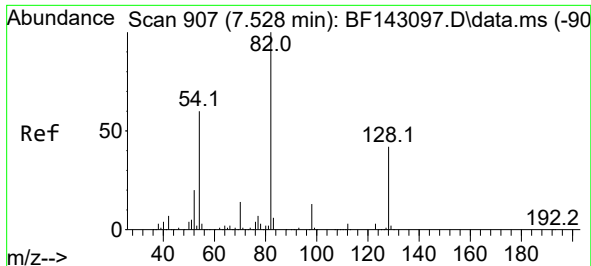
Tgt Ion: 99 Resp: 1307276
Ion Ratio Lower Upper
99 100
42 21.4 17.2 25.8
71 35.0 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF143114.D
Acq: 16 Jul 2025 15:13

Tgt Ion: 136 Resp: 546431
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 10.4 8.3 12.5
68 7.0 5.3 7.9





#23

Nitrobenzene-d5

Concen: 84.718 ng

RT: 7.522 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF143114.D

Acq: 16 Jul 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB168802BL

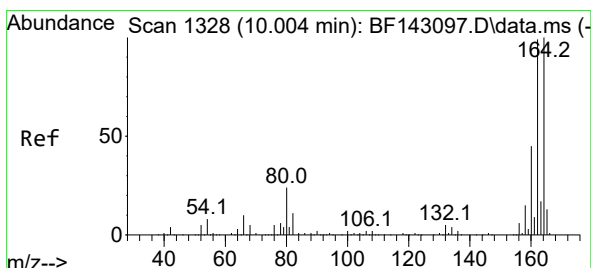
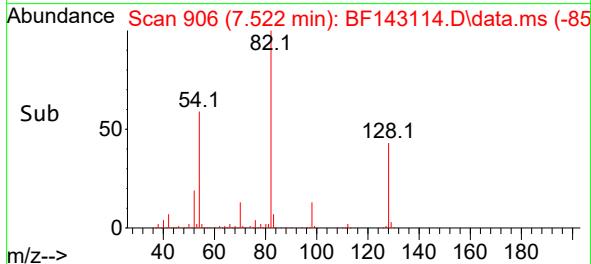
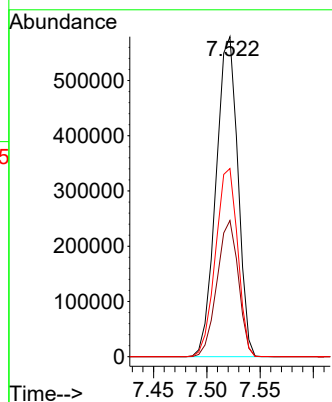
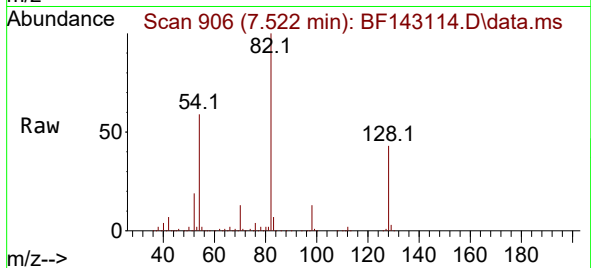
Tgt Ion: 82 Resp: 825206

Ion Ratio Lower Upper

82 100

128 42.5 33.3 49.9

54 58.8 47.4 71.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1328

Delta R.T. -0.000 min

Lab File: BF143114.D

Acq: 16 Jul 2025 15:13

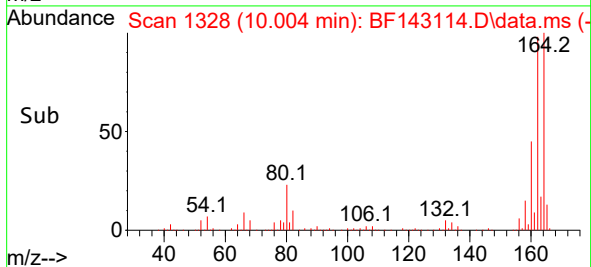
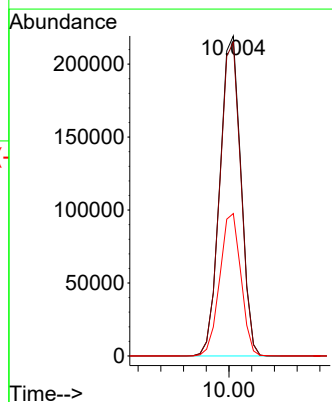
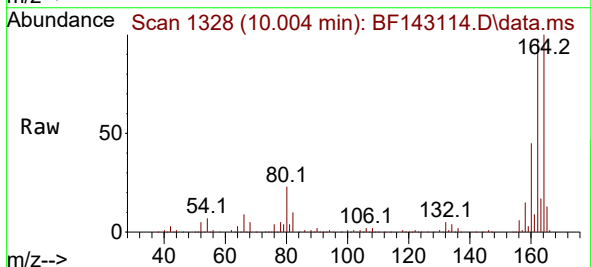
Tgt Ion: 164 Resp: 282321

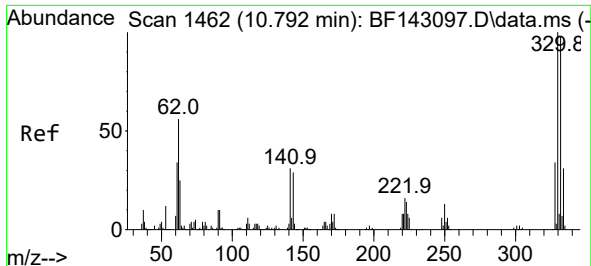
Ion Ratio Lower Upper

164 100

162 98.0 79.0 118.6

160 44.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 135.863 ng

RT: 10.792 min Scan# 1462

Delta R.T. -0.000 min

Lab File: BF143114.D

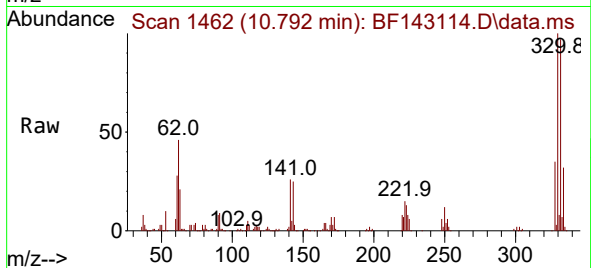
Acq: 16 Jul 2025 15:13

Instrument :

BNA_F

ClientSampleId :

PB168802BL



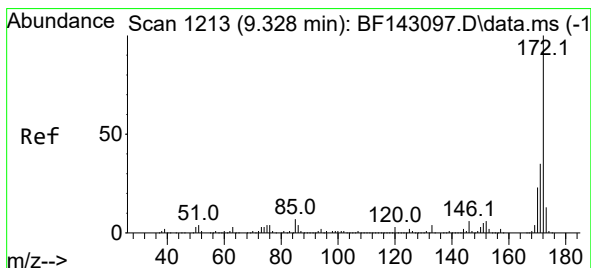
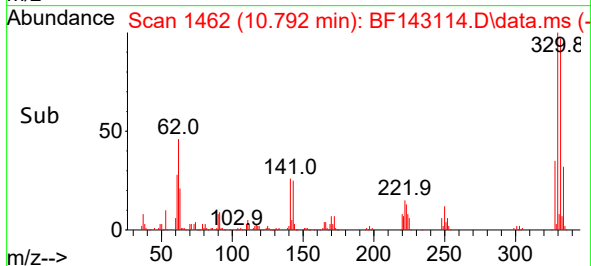
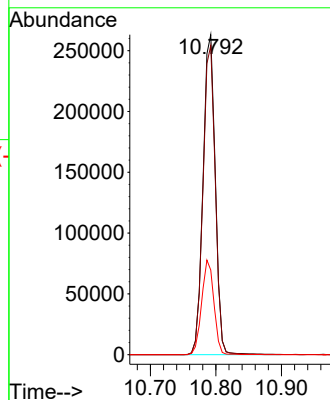
Tgt Ion:330 Resp: 342011

Ion Ratio Lower Upper

330 100

332 97.1 77.9 116.9

141 29.6 25.9 38.9



#45

2-Fluorobiphenyl

Concen: 74.298 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF143114.D

Acq: 16 Jul 2025 15:13

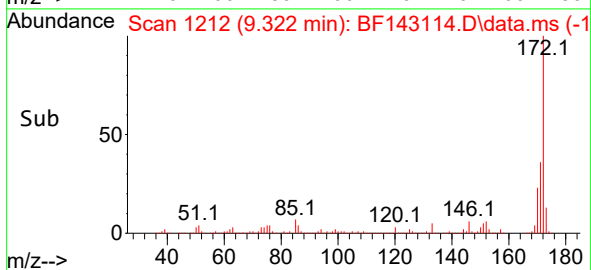
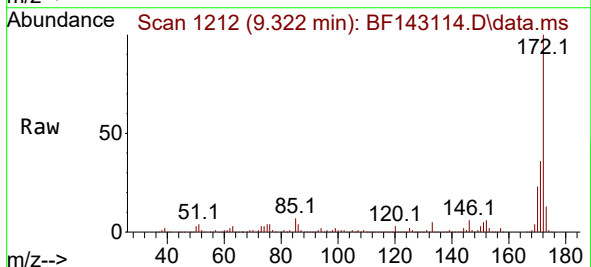
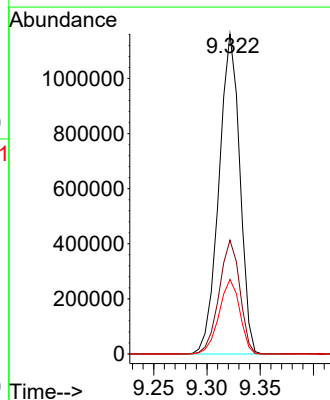
Tgt Ion:172 Resp: 1577993

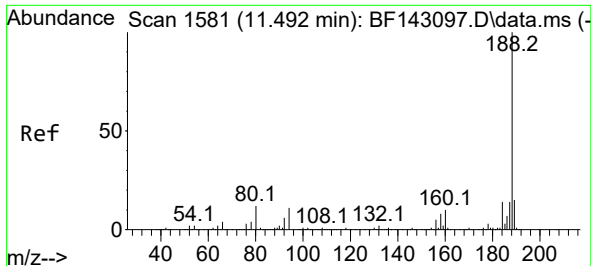
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.3 18.6 28.0

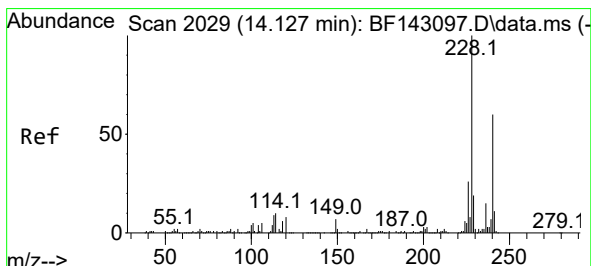
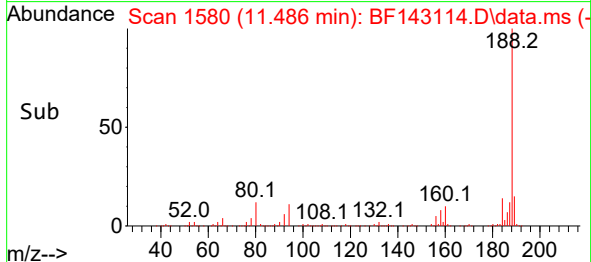
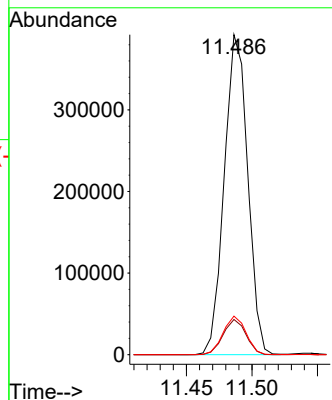
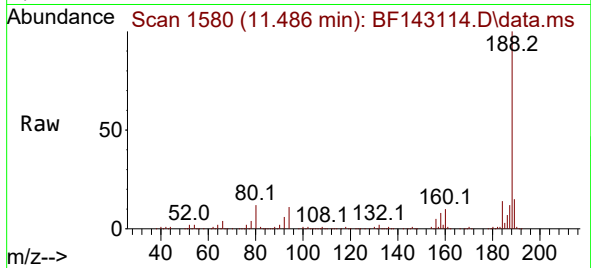




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143114.D
Acq: 16 Jul 2025 15:13

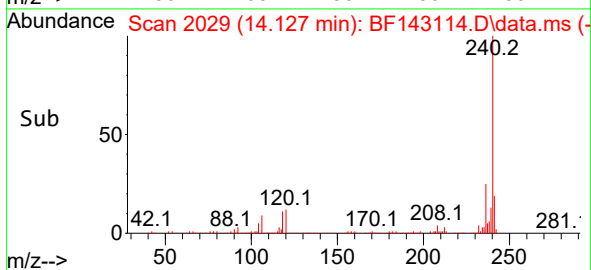
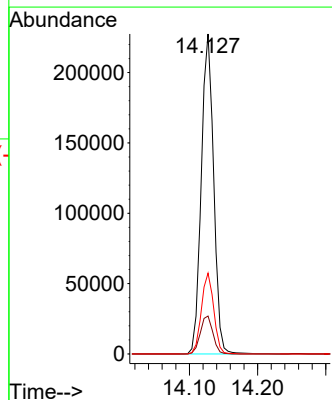
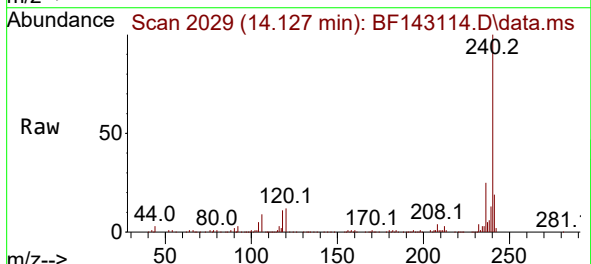
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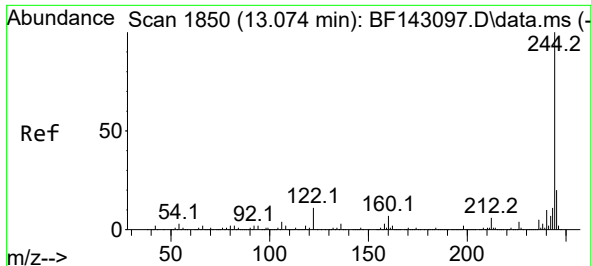
Tgt Ion:188 Resp: 487981
Ion Ratio Lower Upper
188 100
94 11.0 8.6 13.0
80 12.1 9.3 13.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF143114.D
Acq: 16 Jul 2025 15:13

Tgt Ion:240 Resp: 287106
Ion Ratio Lower Upper
240 100
120 11.8 10.0 15.0
236 25.2 20.0 30.0

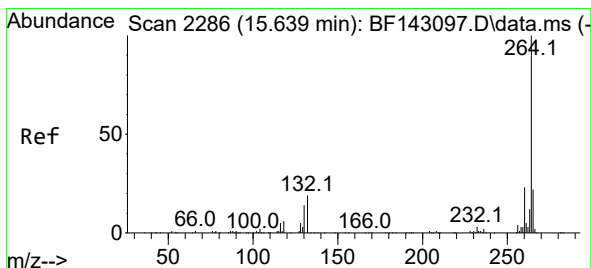
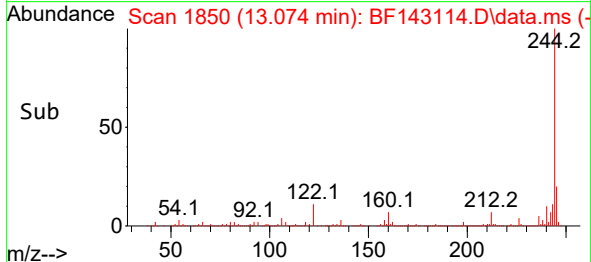
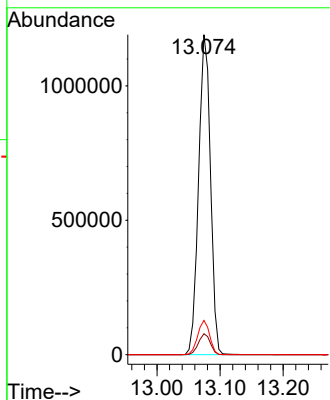
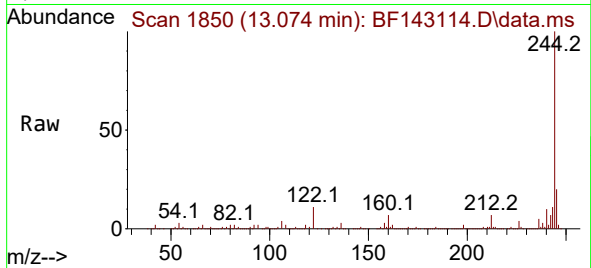




#79
 Terphenyl-d14
 Concen: 79.063 ng
 RT: 13.074 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143114.D
 Acq: 16 Jul 2025 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB168802BL

Tgt Ion:244 Resp: 1552831
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.7 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF143114.D
 Acq: 16 Jul 2025 15:13

Tgt Ion:264 Resp: 229634
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.5 27.7
 265 21.4 17.5 26.3

