

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143105.D
 Acq On : 16 Jul 2025 10:34
 Operator : RC/JU
 Sample : PB168787BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168787BL

Quant Time: Jul 16 11:20:48 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	6.969	152	139471	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	541806	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	277829	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	492930	20.000	ng	0.00
76) Chrysene-d12	14.127	240	288446	20.000	ng	0.00
86) Perylene-d12	15.633	264	222395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	1028610	116.521	ng	0.02
7) Phenol-d6	6.581	99	1289267	116.189	ng	0.00
23) Nitrobenzene-d5	7.522	82	819565	84.857	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	336287	135.749	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1566437	74.947	ng	0.00
79) Terphenyl-d14	13.074	244	1560467	79.083	ng	0.00

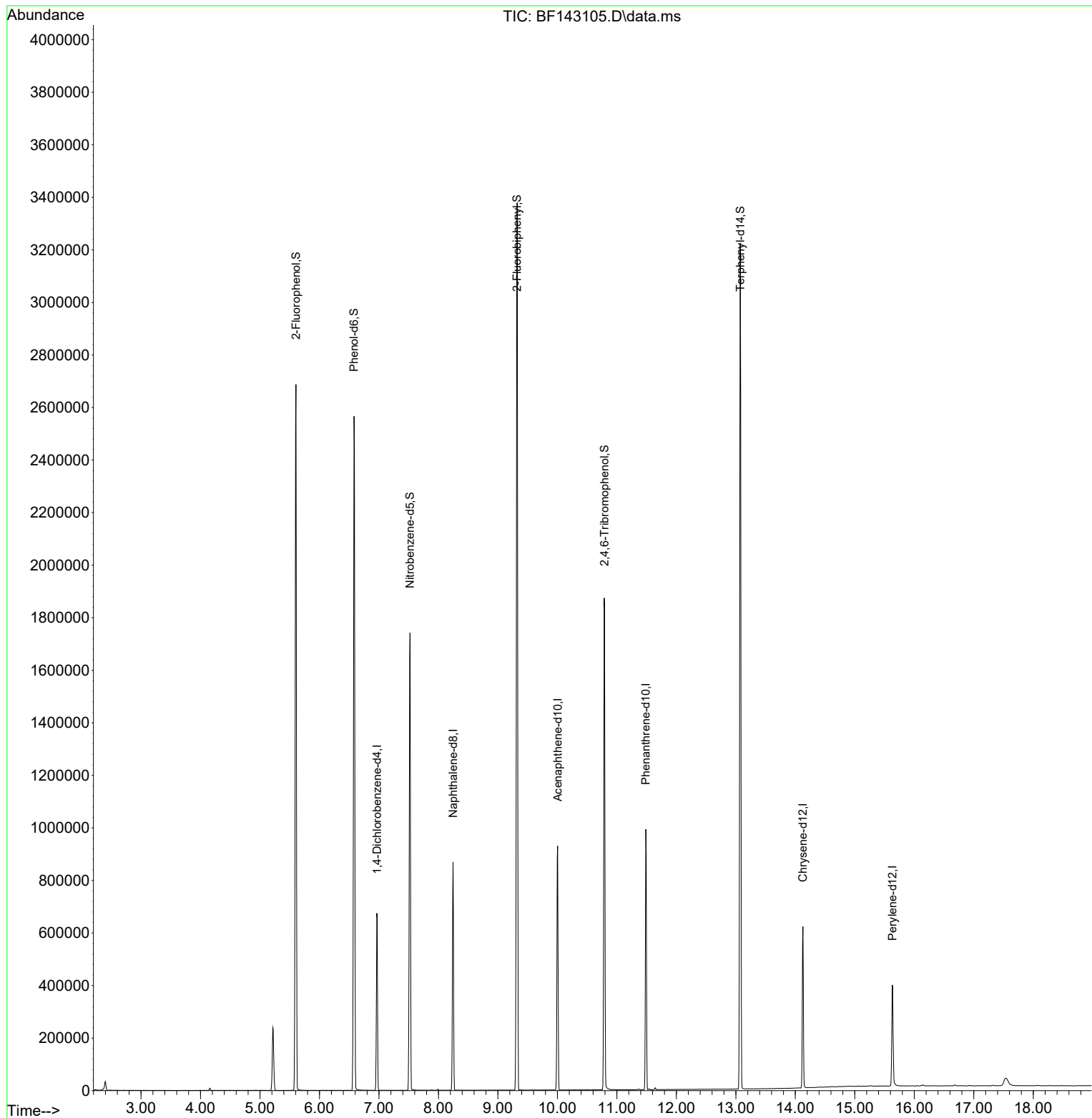
Target Compounds	Qvalue

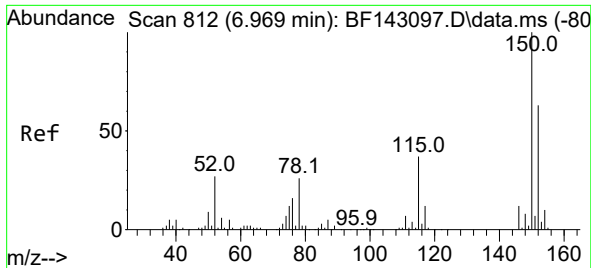
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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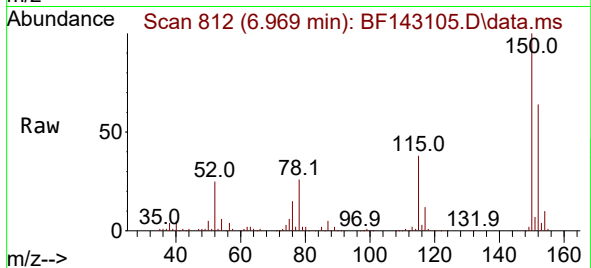
Quant Time: Jul 16 11:20:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
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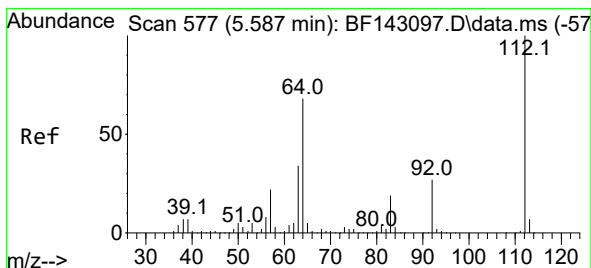
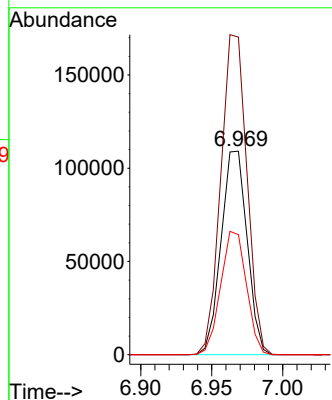
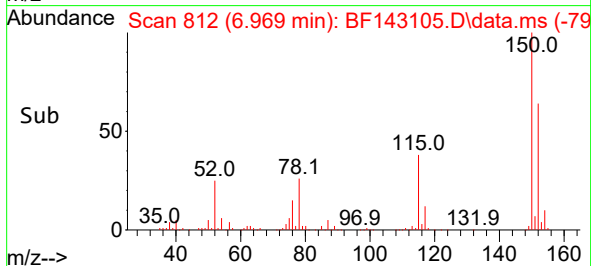


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143105.D
Acq: 16 Jul 2025 10:34

Instrument :
BNA_F
ClientSampleId :
PB168787BL

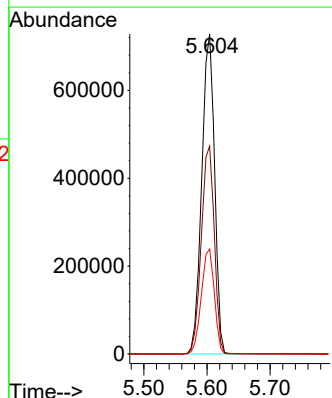
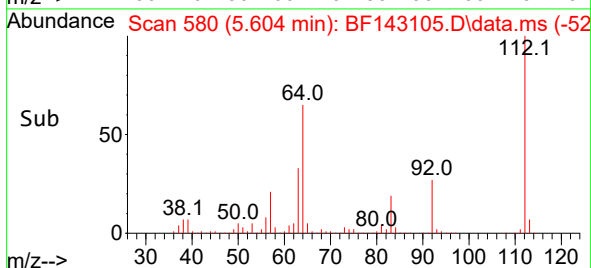
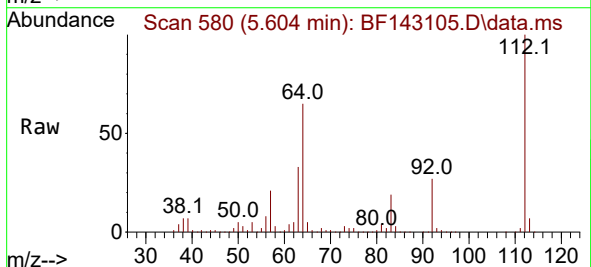


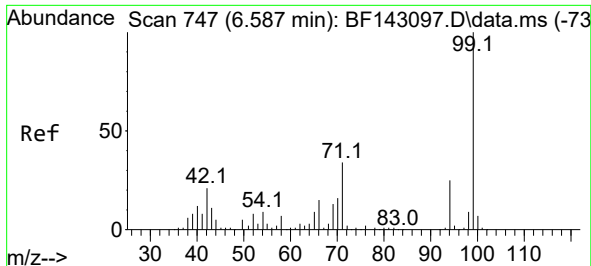
Tgt Ion:152 Resp: 139471
Ion Ratio Lower Upper
152 100
150 156.0 126.5 189.7
115 59.0 47.0 70.6



#5
2-Fluorophenol
Concen: 116.521 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.017 min
Lab File: BF143105.D
Acq: 16 Jul 2025 10:34

Tgt Ion:112 Resp: 1028610
Ion Ratio Lower Upper
112 100
64 65.0 54.6 82.0
63 32.8 27.3 40.9

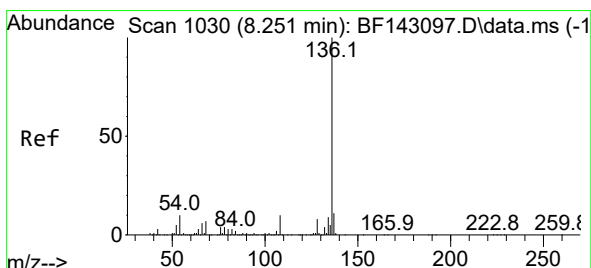
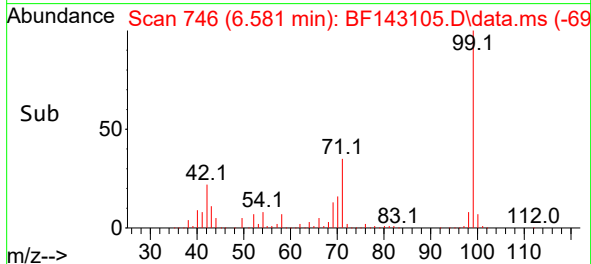
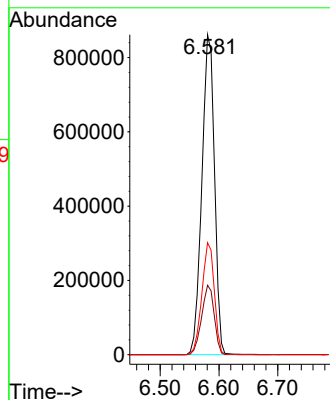
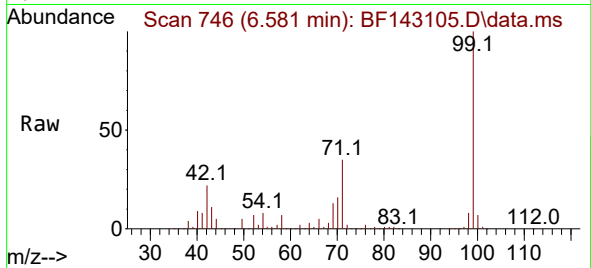




#7
Phenol-d6
Concen: 116.189 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143105.D
Acq: 16 Jul 2025 10:34

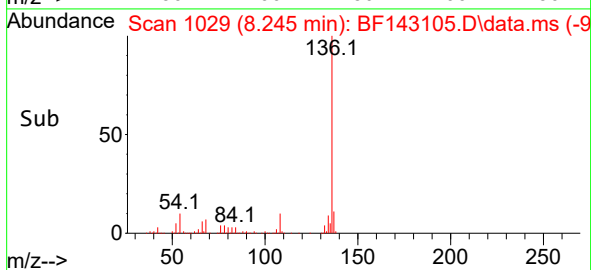
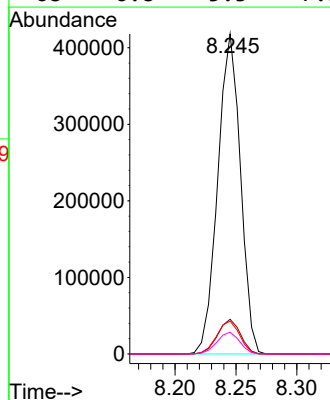
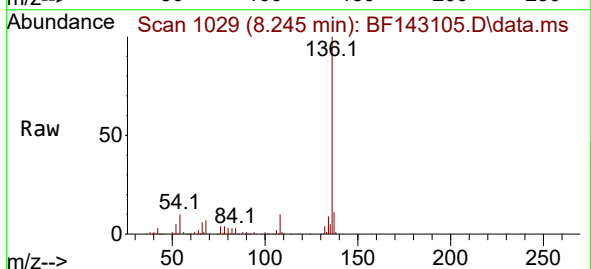
Instrument :
BNA_F
ClientSampleId :
PB168787BL

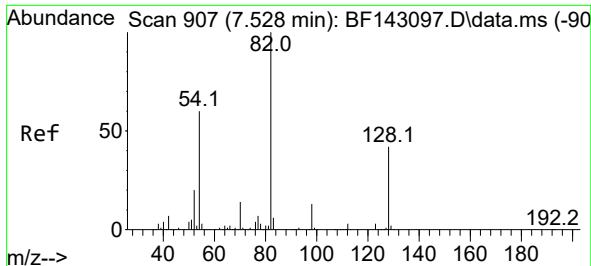
Tgt Ion: 99 Resp: 1289267
Ion Ratio Lower Upper
99 100
42 21.7 17.2 25.8
71 35.0 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF143105.D
Acq: 16 Jul 2025 10:34

Tgt Ion: 136 Resp: 541806
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.3 8.3 12.5
68 6.8 5.3 7.9





#23

Nitrobenzene-d5

Concen: 84.857 ng

RT: 7.522 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF143105.D

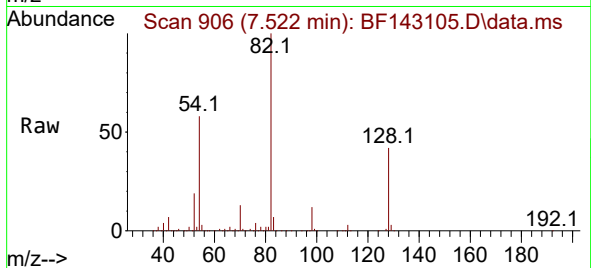
Acq: 16 Jul 2025 10:34

Instrument :

BNA_F

ClientSampleId :

PB168787BL



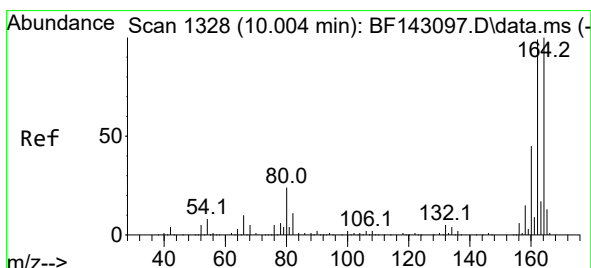
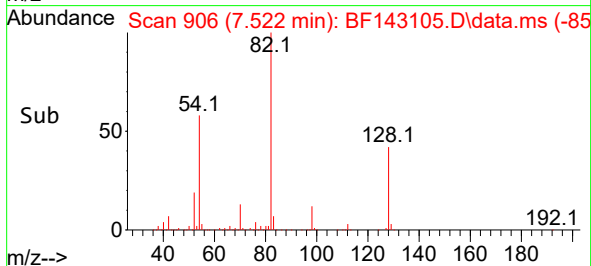
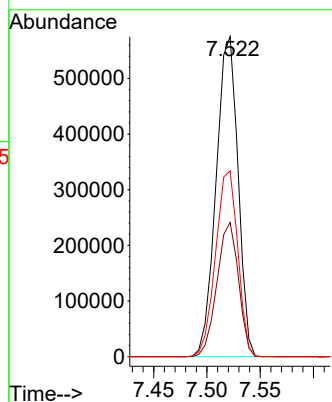
Tgt Ion: 82 Resp: 819565

Ion Ratio Lower Upper

82 100

128 41.9 33.3 49.9

54 58.1 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: BF143105.D

Acq: 16 Jul 2025 10:34

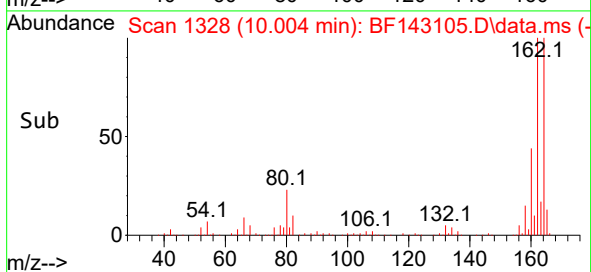
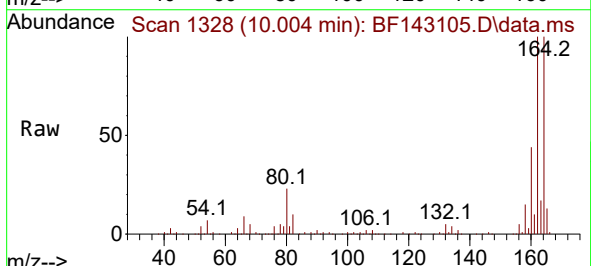
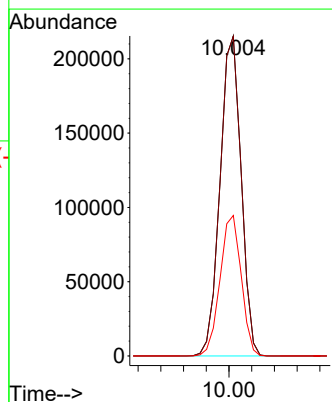
Tgt Ion: 164 Resp: 277829

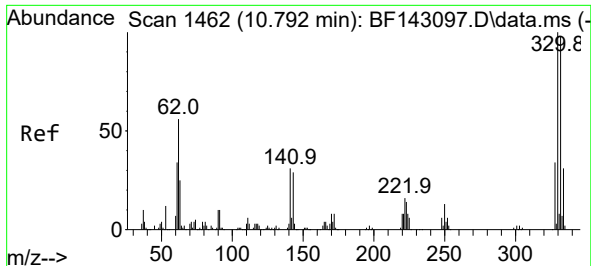
Ion Ratio Lower Upper

164 100

162 99.9 79.0 118.6

160 43.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 135.749 ng

RT: 10.792 min Scan# 1462

Delta R.T. -0.000 min

Lab File: BF143105.D

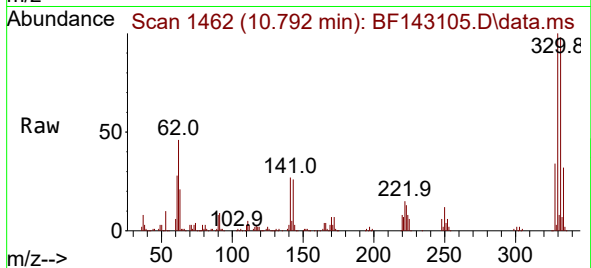
Acq: 16 Jul 2025 10:34

Instrument :

BNA_F

ClientSampleId :

PB168787BL



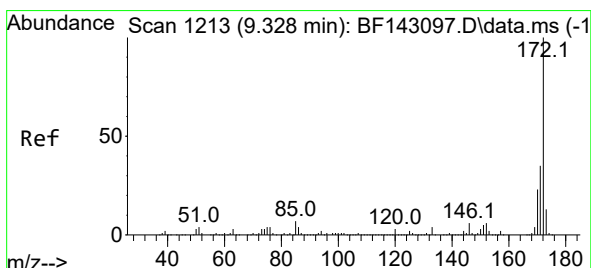
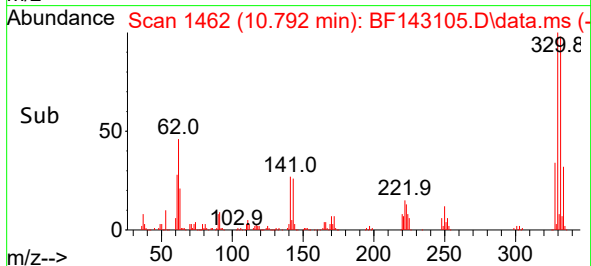
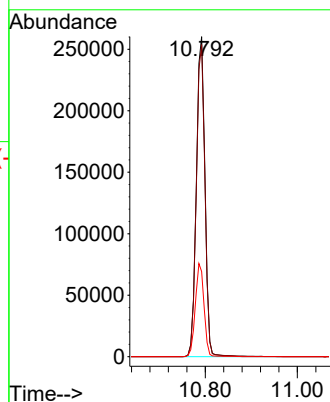
Tgt Ion:330 Resp: 336287

Ion Ratio Lower Upper

330 100

332 97.3 77.9 116.9

141 29.5 25.9 38.9



#45

2-Fluorobiphenyl

Concen: 74.947 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF143105.D

Acq: 16 Jul 2025 10:34

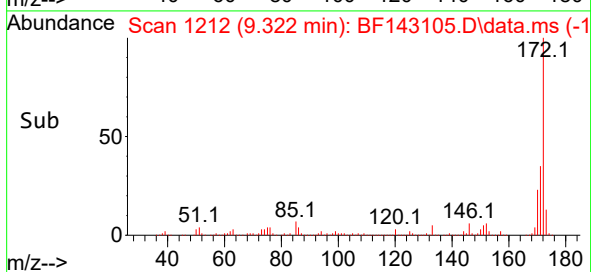
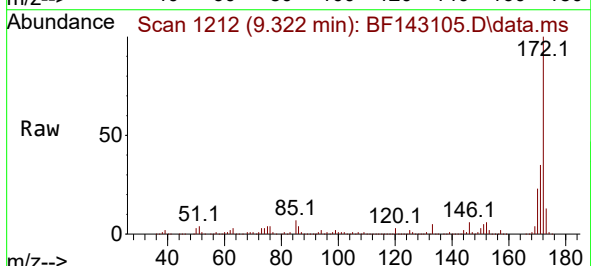
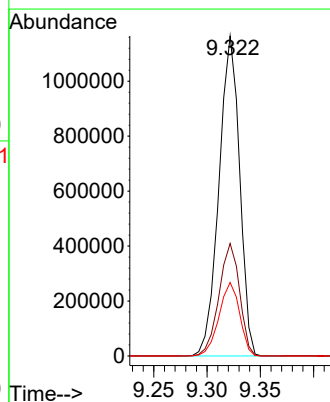
Tgt Ion:172 Resp: 1566437

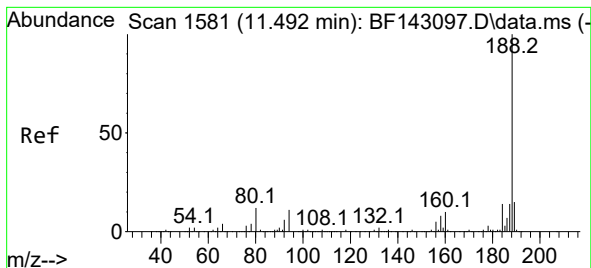
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 22.9 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF143105.D

Acq: 16 Jul 2025 10:34

Instrument :

BNA_F

ClientSampleId :

PB168787BL

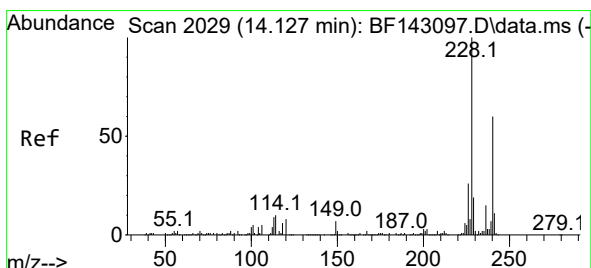
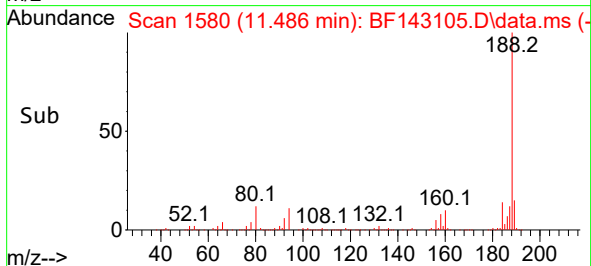
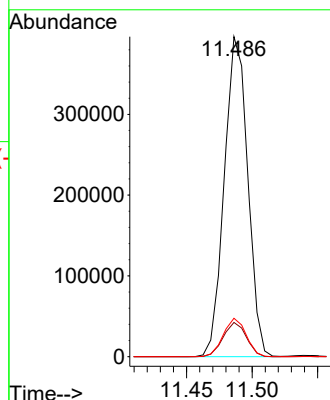
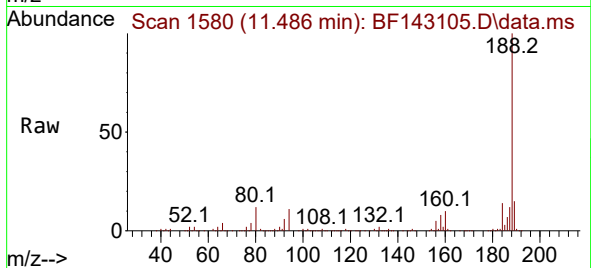
Tgt Ion:188 Resp: 492930

Ion Ratio Lower Upper

188 100

94 10.7 8.6 13.0

80 12.0 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: BF143105.D

Acq: 16 Jul 2025 10:34

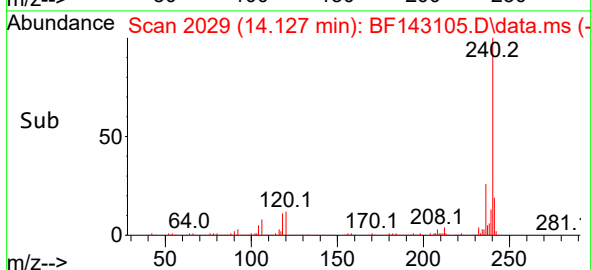
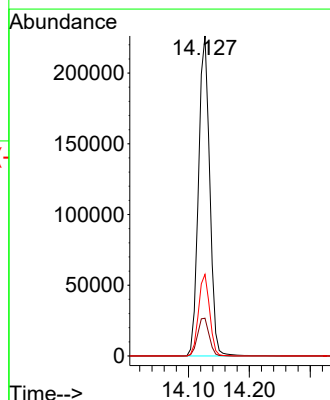
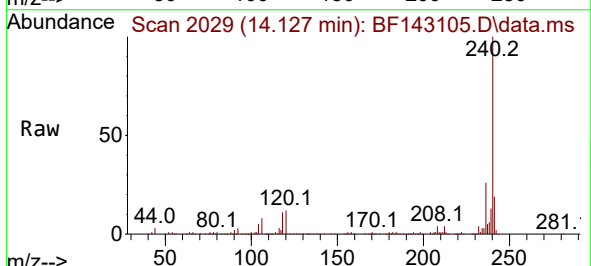
Tgt Ion:240 Resp: 288446

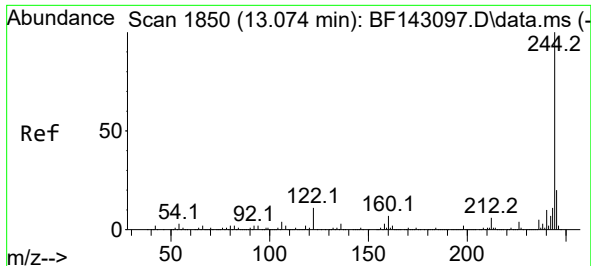
Ion Ratio Lower Upper

240 100

120 11.8 10.0 15.0

236 25.5 20.0 30.0

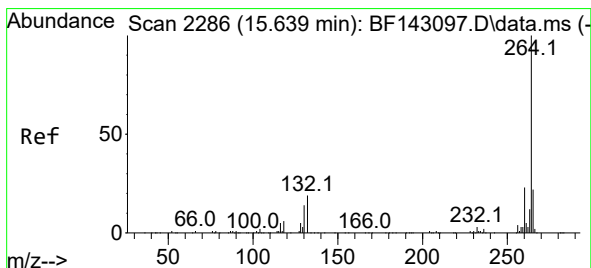
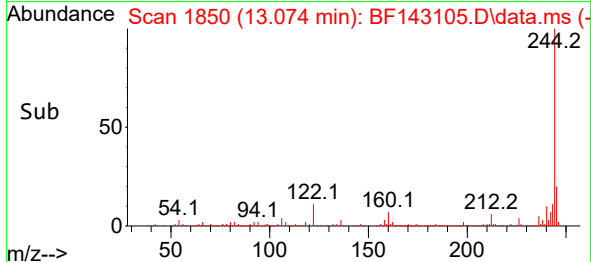
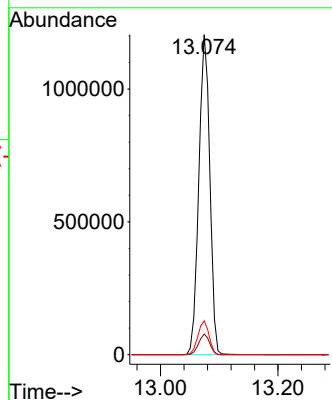
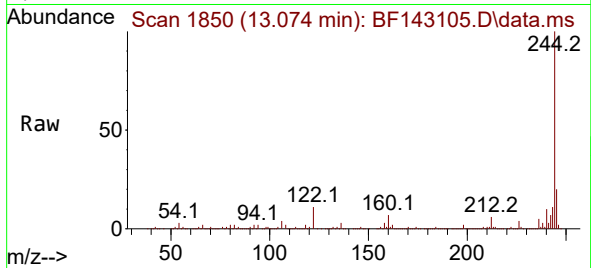




#79
 Terphenyl-d14
 Concen: 79.083 ng
 RT: 13.074 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143105.D
 Acq: 16 Jul 2025 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB168787BL

Tgt Ion:244 Resp: 1560467
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 10.5 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: BF143105.D
 Acq: 16 Jul 2025 10:34

Tgt Ion:264 Resp: 222395
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.5 27.7
 265 21.3 17.5 26.3

