

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072125\
 Data File : BF143173.D
 Acq On : 21 Jul 2025 15:58
 Operator : RC/JU
 Sample : Q2651-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH 7-6

Quant Time: Jul 21 16:21:24 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	124836	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	446383	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	207481	20.000	ng	0.00
64) Phenanthrene-d10	11.481	188	301114	20.000	ng	0.00
76) Chrysene-d12	14.122	240	276030	20.000	ng	0.00
86) Perylene-d12	15.627	264	199935	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	597271	75.712	ng	0.00
7) Phenol-d6	6.581	99	763809	76.924	ng	0.00
23) Nitrobenzene-d5	7.516	82	475804	53.132	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	162324	75.732	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	887667	58.511	ng	0.00
79) Terphenyl-d14	13.069	244	771367	41.585	ng	0.00

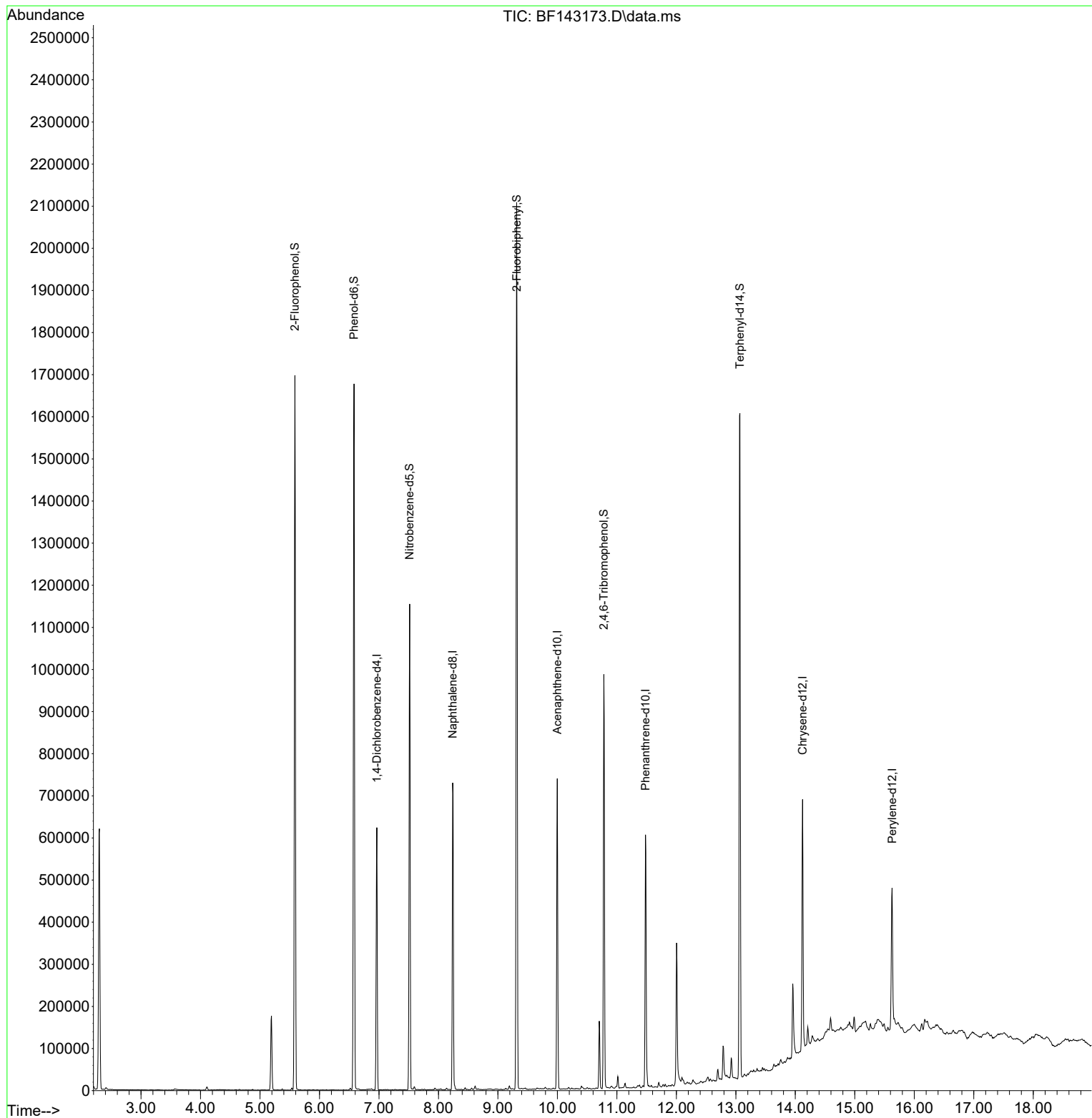
Target Compounds	Qvalue

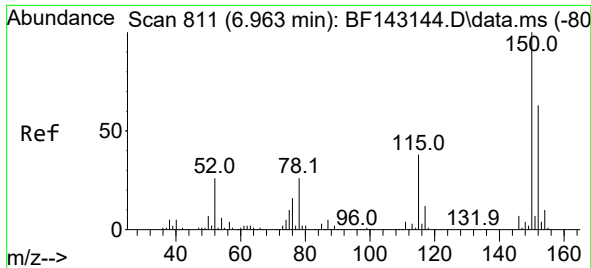
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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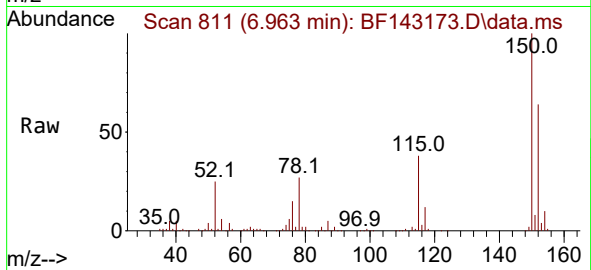
Quant Time: Jul 21 16:21:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
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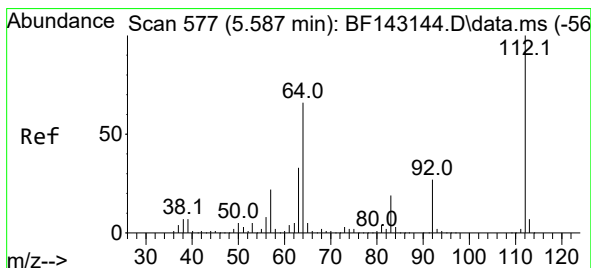
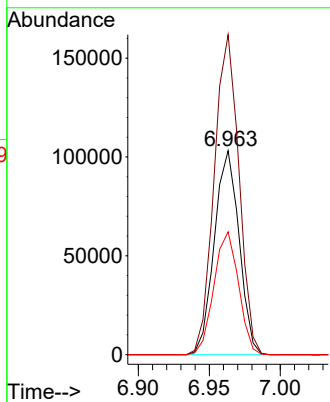
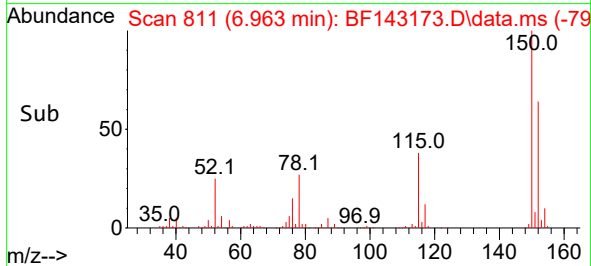


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143173.D
Acq: 21 Jul 2025 15:58

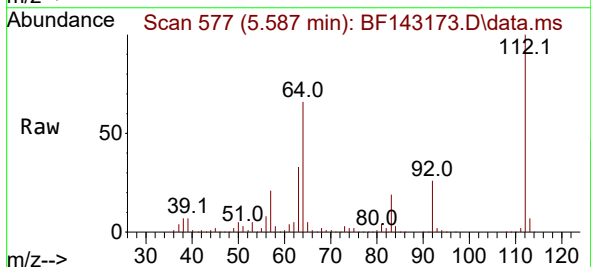
Instrument :
BNA_F
ClientSampleId :
MH 7-6



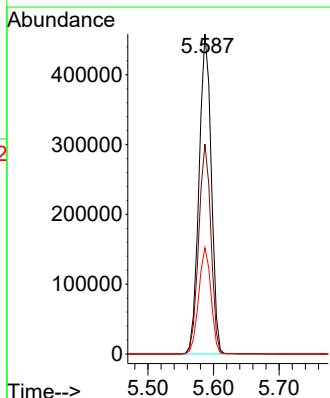
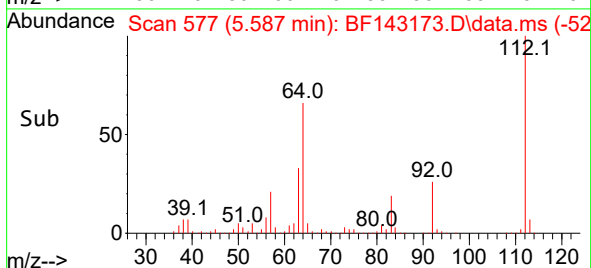
Tgt Ion:152 Resp: 124836
Ion Ratio Lower Upper
152 100
150 156.9 128.2 192.4
115 60.2 47.9 71.9

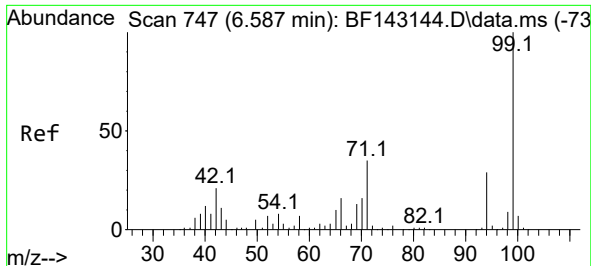


#5
2-Fluorophenol
Concen: 75.712 ng
RT: 5.587 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF143173.D
Acq: 21 Jul 2025 15:58



Tgt Ion:112 Resp: 597271
Ion Ratio Lower Upper
112 100
64 65.6 53.1 79.7
63 33.2 26.6 40.0

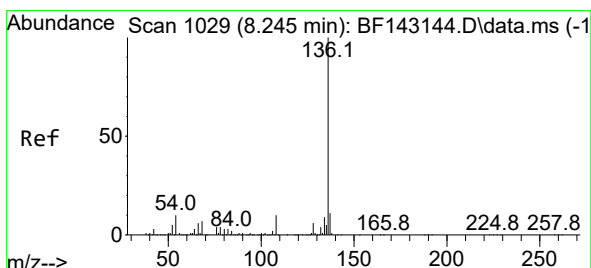
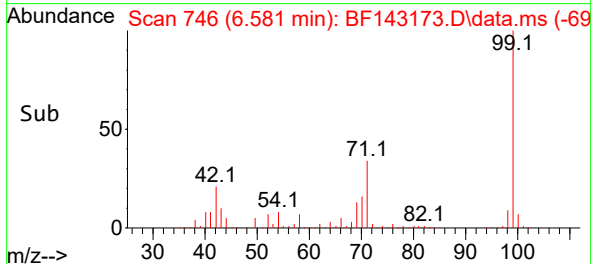
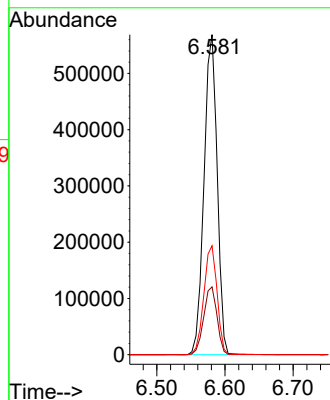
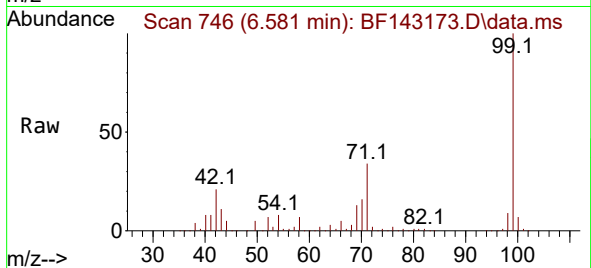




#7
Phenol-d6
Concen: 76.924 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143173.D
Acq: 21 Jul 2025 15:58

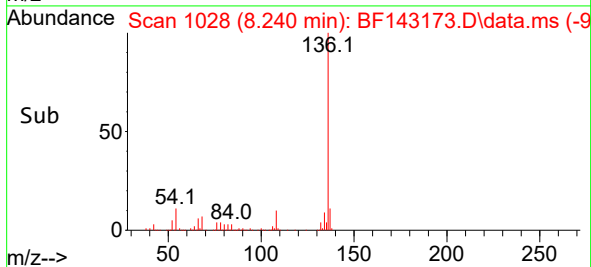
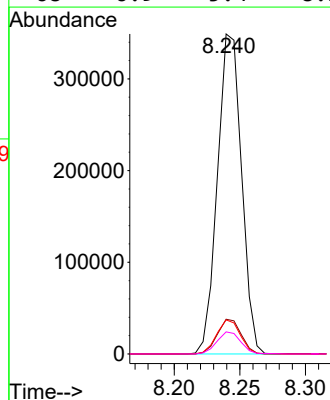
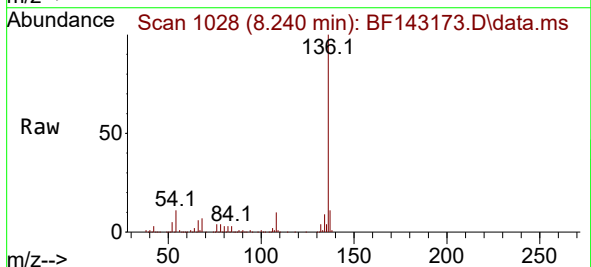
Instrument :
BNA_F
ClientSampleId :
MH 7-6

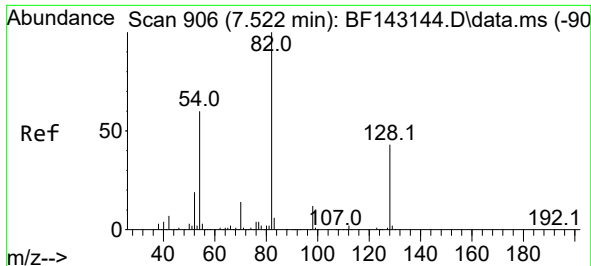
Tgt Ion: 99 Resp: 763809
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 34.1 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF143173.D
Acq: 21 Jul 2025 15:58

Tgt Ion: 136 Resp: 446383
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.7 8.2 12.2
68 6.9 5.4 8.2





#23

Nitrobenzene-d5

Concen: 53.132 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143173.D

Acq: 21 Jul 2025 15:58

Instrument :

BNA_F

ClientSampleId :

MH 7-6

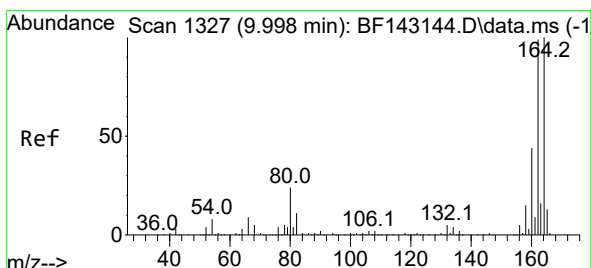
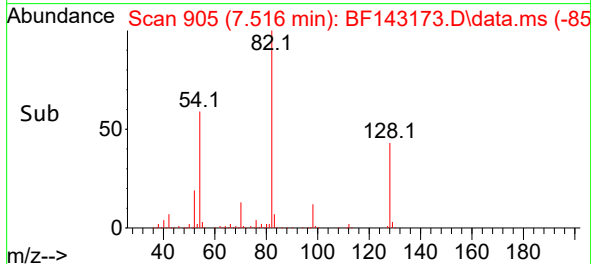
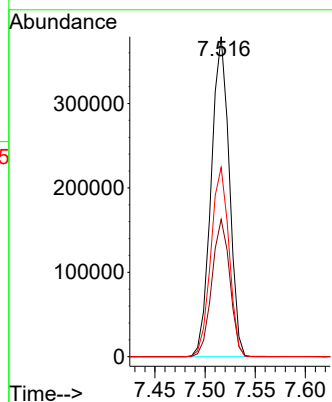
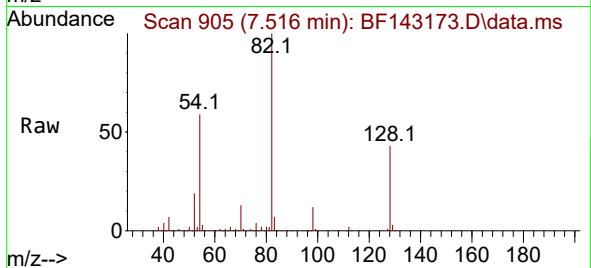
Tgt Ion: 82 Resp: 475804

Ion Ratio Lower Upper

82 100

128 42.9 33.6 50.4

54 59.2 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: BF143173.D

Acq: 21 Jul 2025 15:58

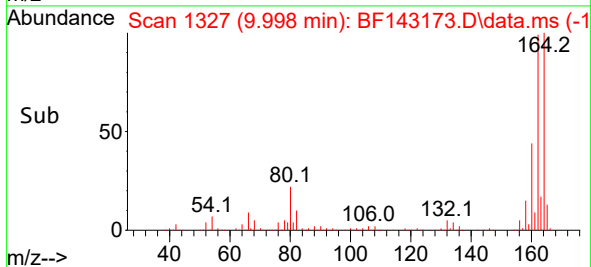
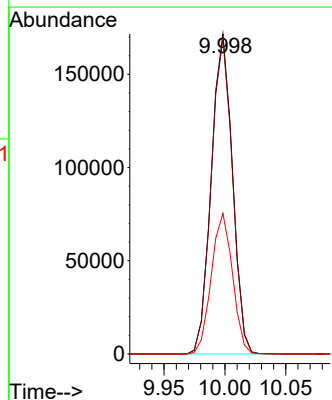
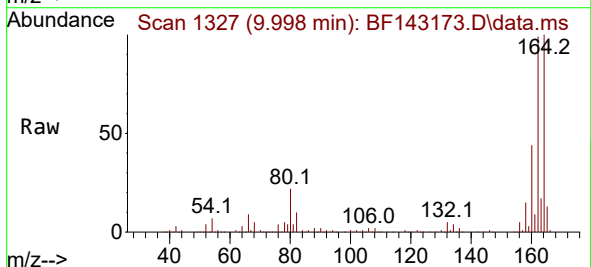
Tgt Ion: 164 Resp: 207481

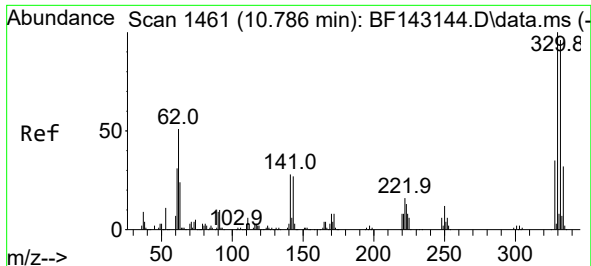
Ion Ratio Lower Upper

164 100

162 98.6 79.0 118.6

160 44.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 75.732 ng

RT: 10.781 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF143173.D

Acq: 21 Jul 2025 15:58

Instrument :

BNA_F

ClientSampleId :

MH 7-6

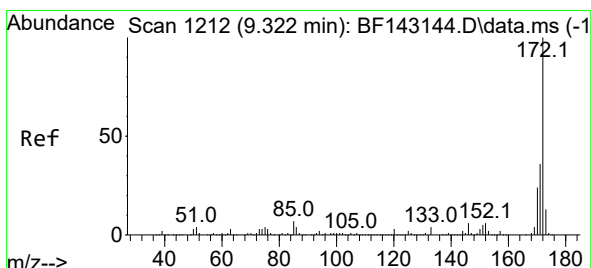
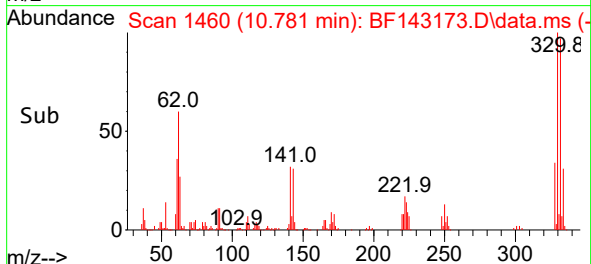
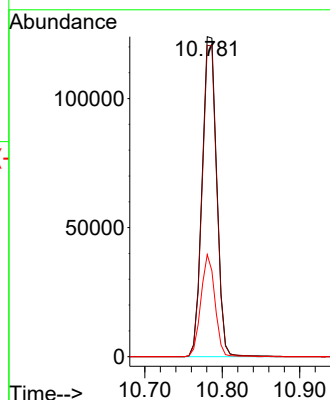
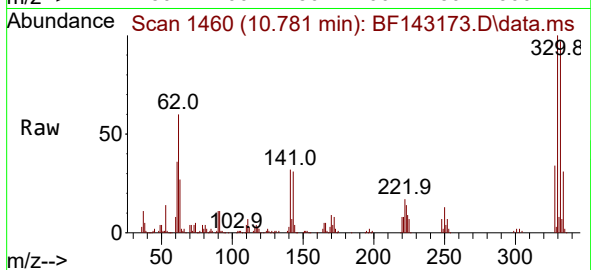
Tgt Ion:330 Resp: 162324

Ion Ratio Lower Upper

330 100

332 97.0 76.7 115.1

141 30.6 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 58.511 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143173.D

Acq: 21 Jul 2025 15:58

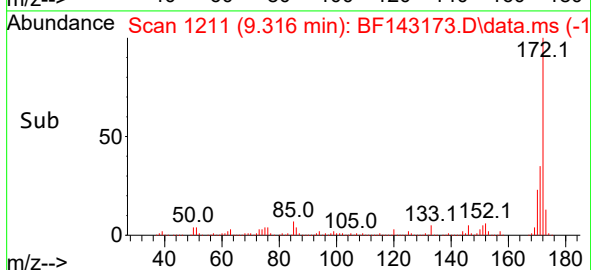
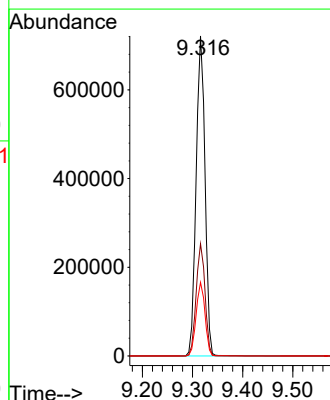
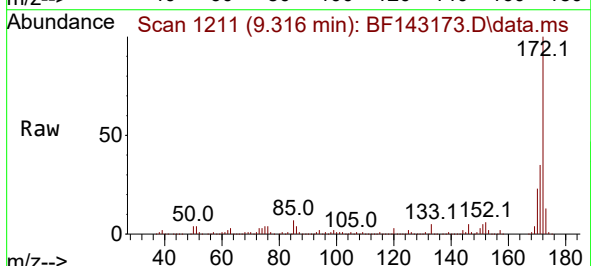
Tgt Ion:172 Resp: 887667

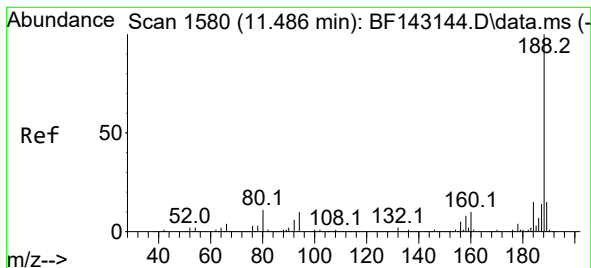
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.0 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.481 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143173.D

Acq: 21 Jul 2025 15:58

Instrument :

BNA_F

ClientSampleId :

MH 7-6

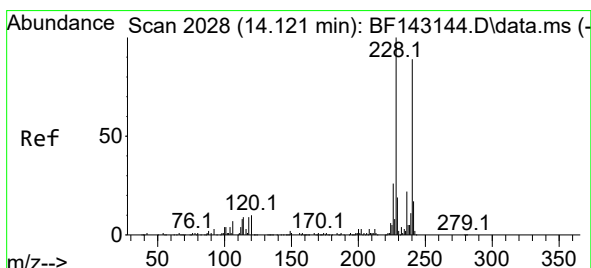
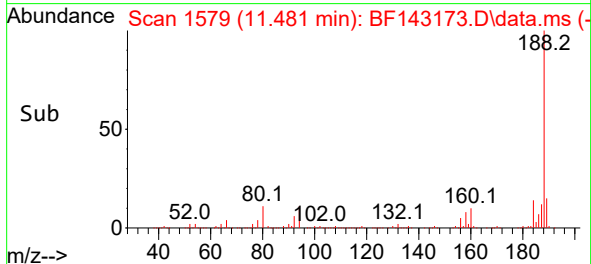
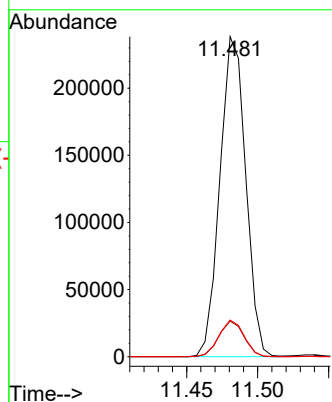
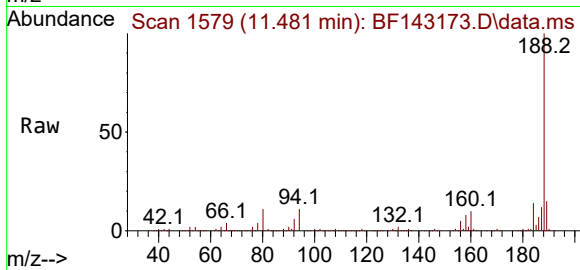
Tgt Ion:188 Resp: 301114

Ion Ratio Lower Upper

188 100

94 11.2 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: BF143173.D

Acq: 21 Jul 2025 15:58

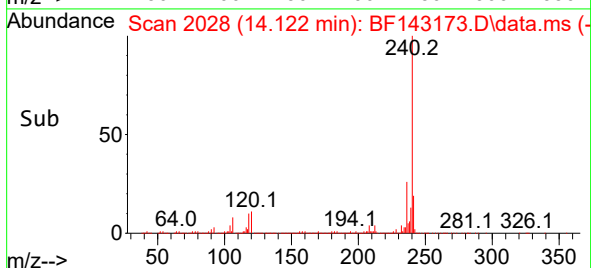
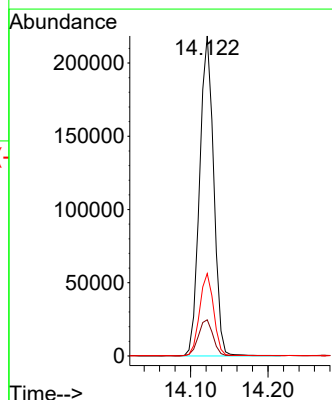
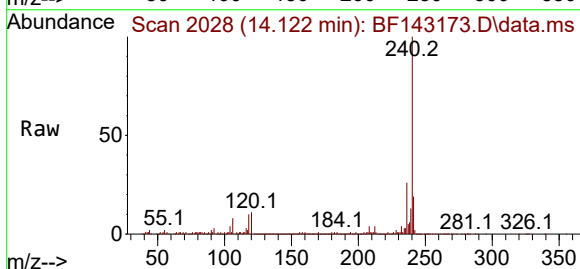
Tgt Ion:240 Resp: 276030

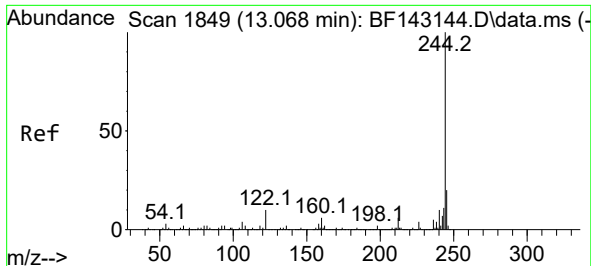
Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.2

236 25.7 20.2 30.4

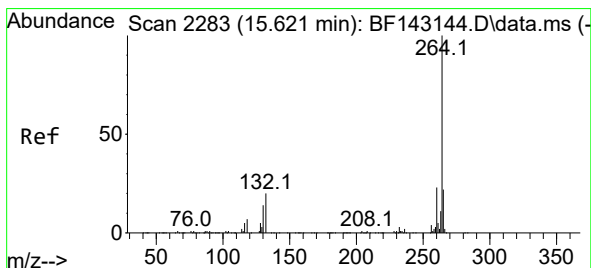
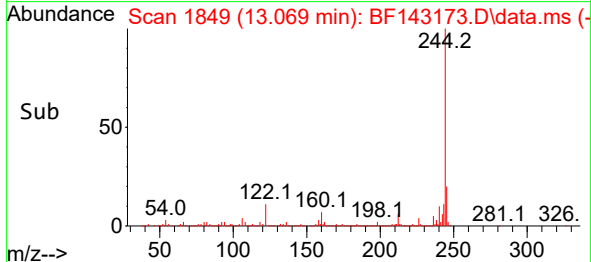
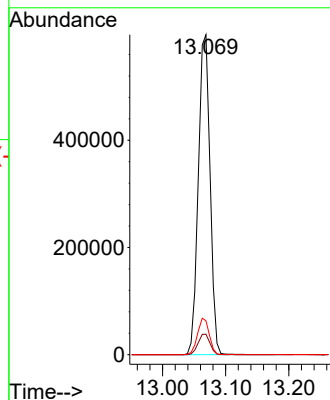
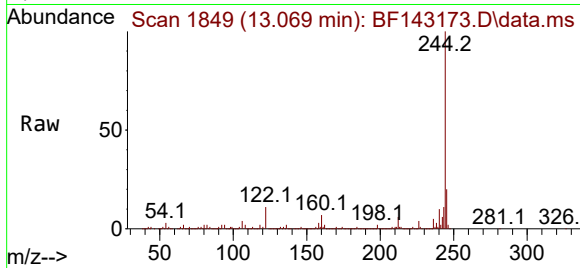




#79
 Terphenyl-d14
 Concen: 41.585 ng
 RT: 13.069 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF143173.D
 Acq: 21 Jul 2025 15:58

Instrument :
 BNA_F
 ClientSampleId :
 MH 7-6

Tgt Ion:244 Resp: 771367
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 10.6 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: BF143173.D
 Acq: 21 Jul 2025 15:58

Tgt Ion:264 Resp: 199935
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 21.1 17.4 26.2

