

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
 Data File : BF143270.D
 Acq On : 30 Jul 2025 15:52
 Operator : RC/JU
 Sample : PB168971BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168971BL

Quant Time: Jul 30 16:21:45 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	102425	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	398799	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	212310	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	372104	20.000	ng	0.00
76) Chrysene-d12	14.121	240	214586	20.000	ng	0.00
86) Perylene-d12	15.633	264	214112	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	715294	110.513	ng	0.02
7) Phenol-d6	6.587	99	906510	111.271	ng	0.00
23) Nitrobenzene-d5	7.516	82	620925	77.611	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	267536	121.980	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1172818	75.549	ng	0.00
79) Terphenyl-d14	13.068	244	1158826	80.362	ng	0.00

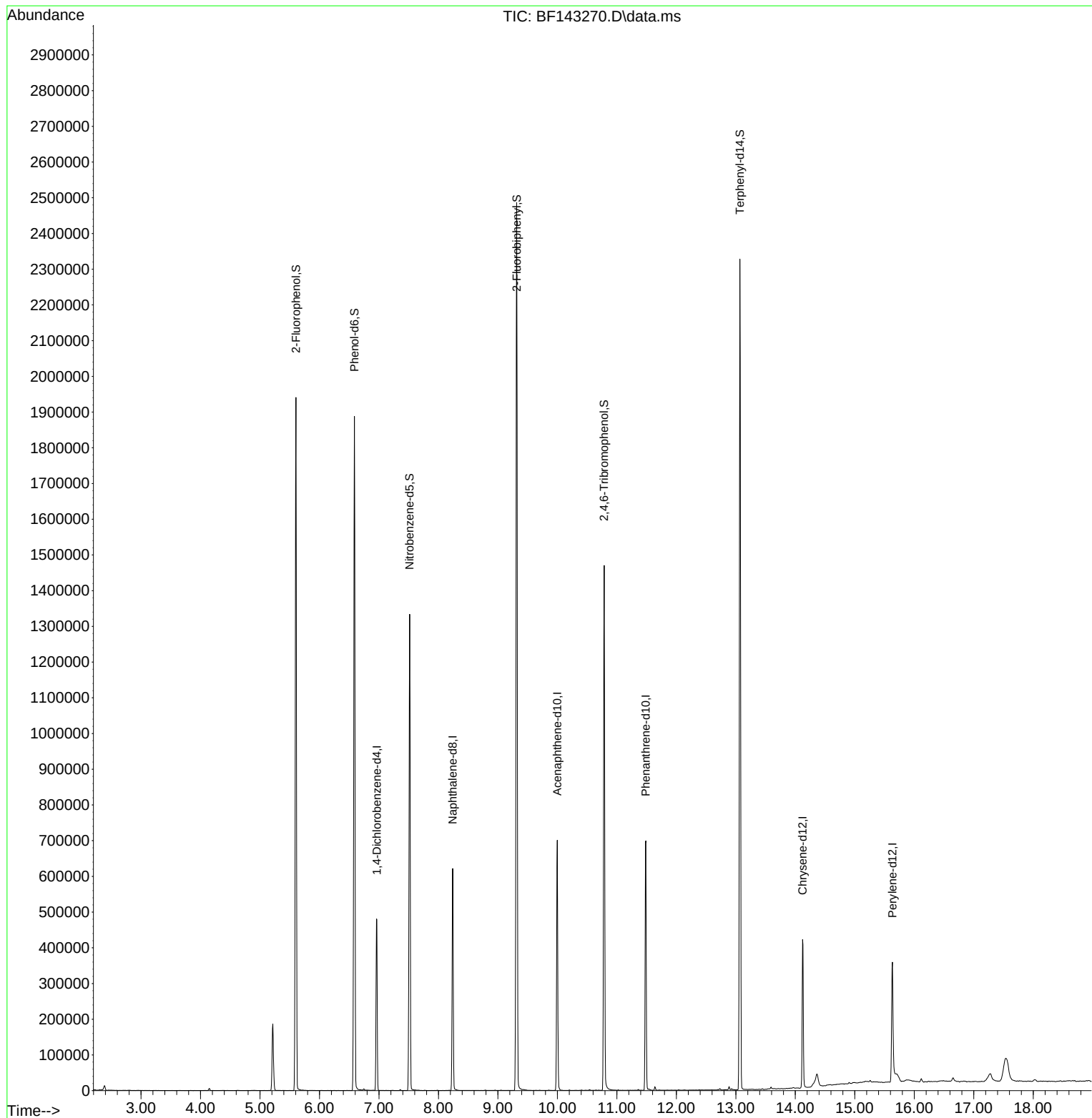
Target Compounds	Qvalue

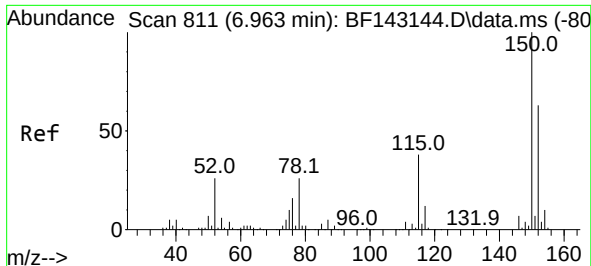
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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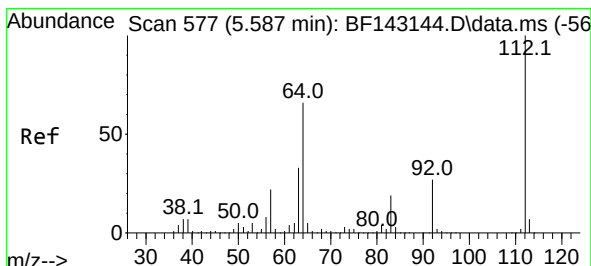
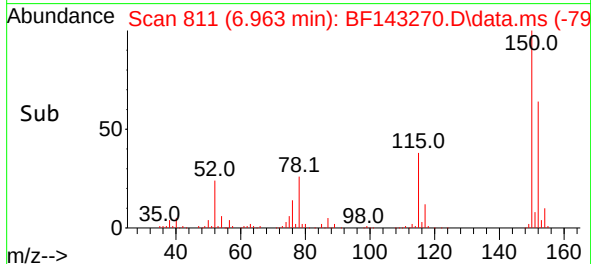
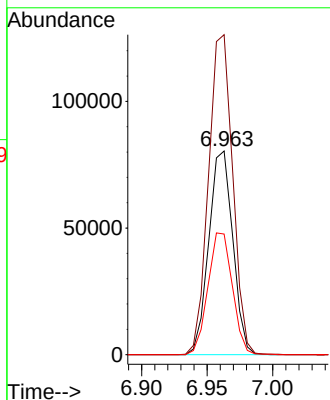
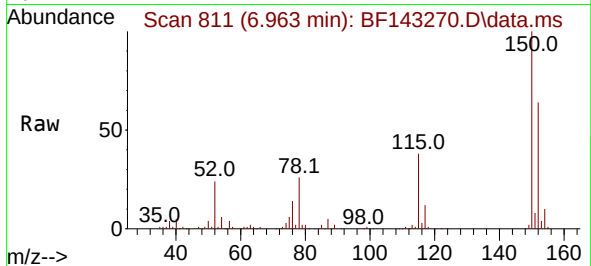




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143270.D
Acq: 30 Jul 2025 15:52

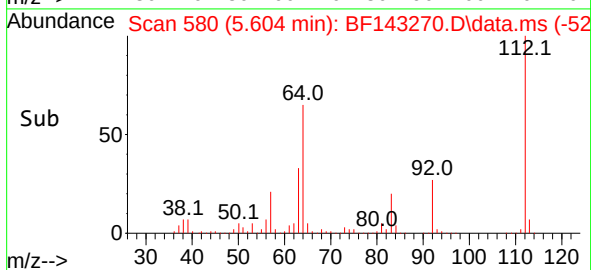
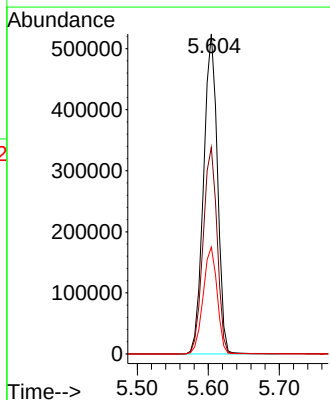
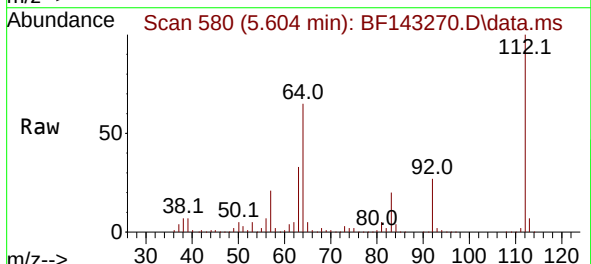
Instrument :
BNA_F
ClientSampleId :
PB168971BL

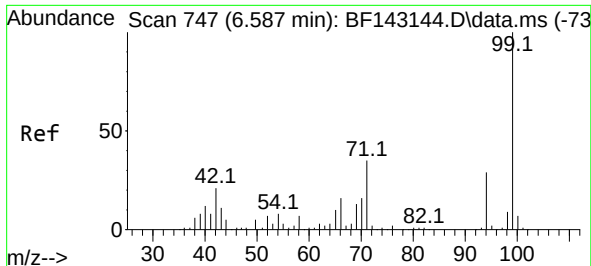
Tgt Ion:152 Resp: 102425
Ion Ratio Lower Upper
152 100
150 157.1 128.2 192.4
115 59.2 47.9 71.9



#5
2-Fluorophenol
Concen: 110.513 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143270.D
Acq: 30 Jul 2025 15:52

Tgt Ion:112 Resp: 715294
Ion Ratio Lower Upper
112 100
64 64.5 53.1 79.7
63 33.4 26.6 40.0

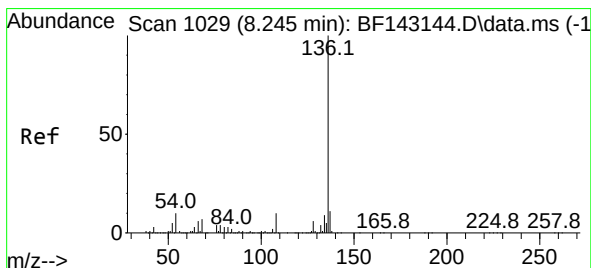
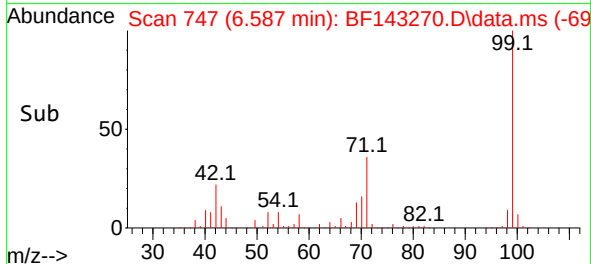
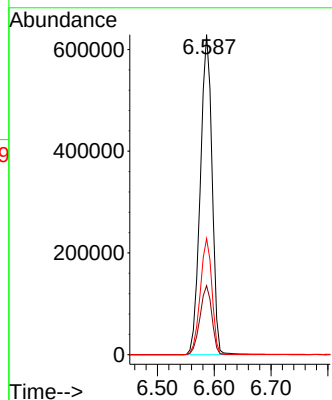
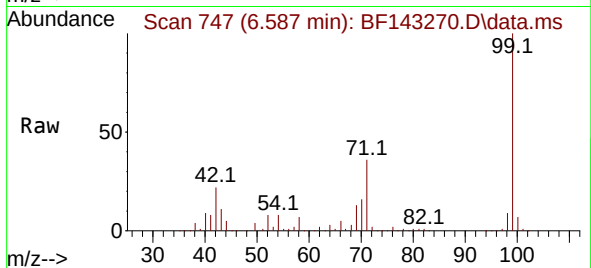




#7
Phenol-d6
Concen: 111.271 ng
RT: 6.587 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF143270.D
Acq: 30 Jul 2025 15:52

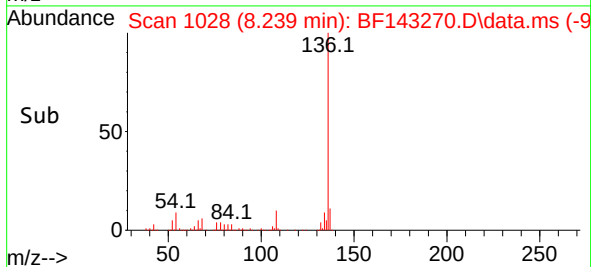
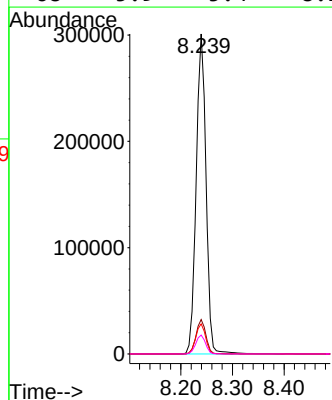
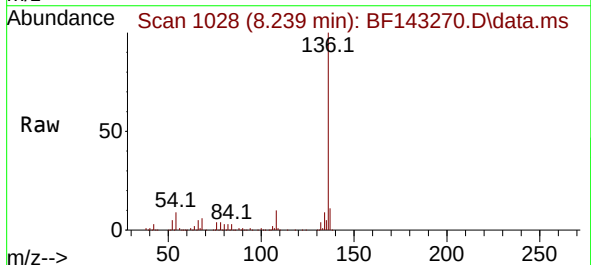
Instrument :
BNA_F
ClientSampleId :
PB168971BL

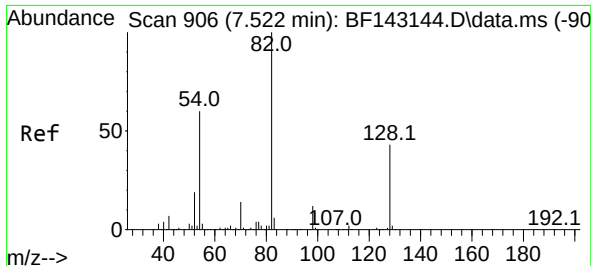
Tgt Ion: 99 Resp: 906510
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 36.3 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143270.D
Acq: 30 Jul 2025 15:52

Tgt Ion: 136 Resp: 398799
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.4 8.2 12.2
68 5.9 5.4 8.2





#23

Nitrobenzene-d5

Concen: 77.611 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143270.D

Acq: 30 Jul 2025 15:52

Instrument :

BNA_F

ClientSampleId :

PB168971BL

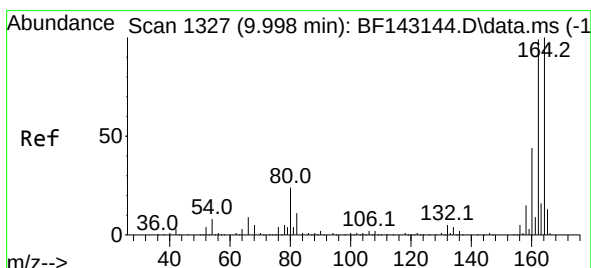
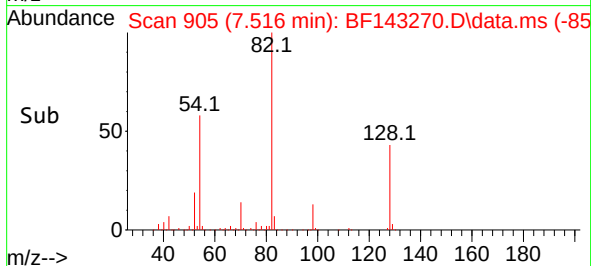
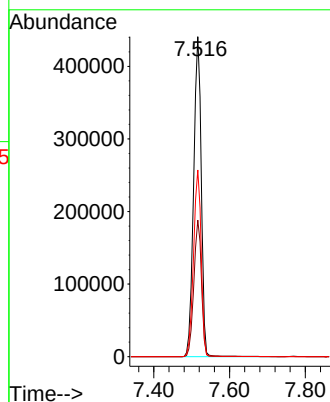
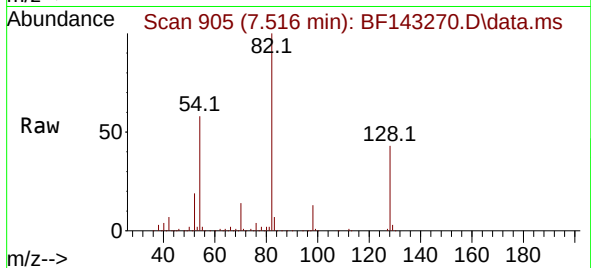
Tgt Ion: 82 Resp: 620925

Ion Ratio Lower Upper

82 100

128 42.7 33.6 50.4

54 58.4 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: BF143270.D

Acq: 30 Jul 2025 15:52

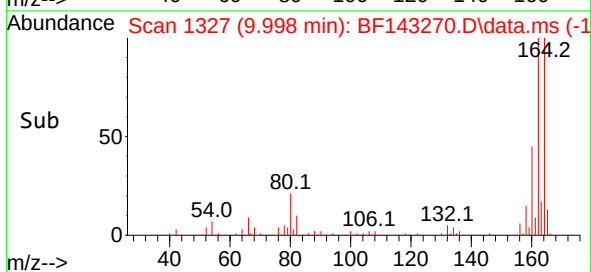
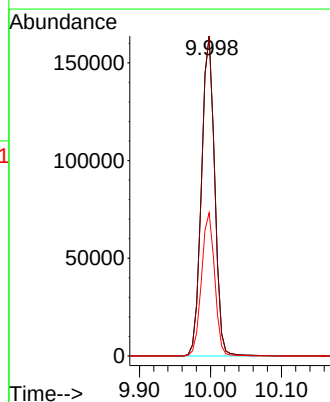
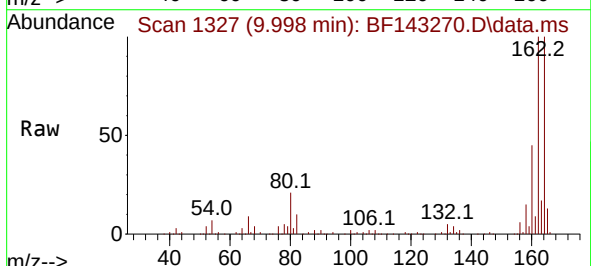
Tgt Ion: 164 Resp: 212310

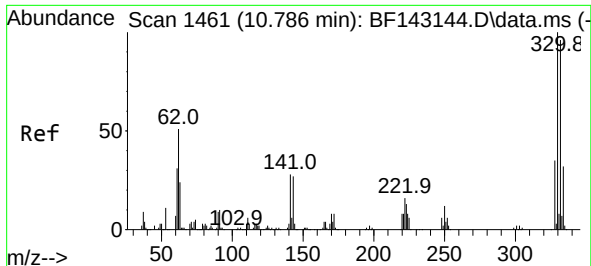
Ion Ratio Lower Upper

164 100

162 100.0 79.0 118.6

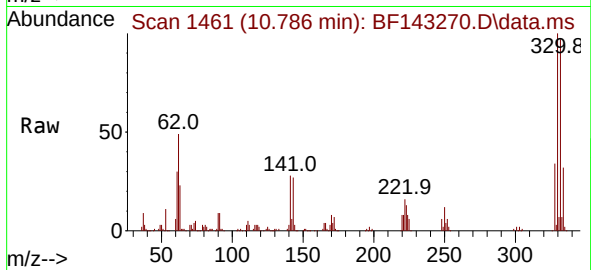
160 44.8 35.1 52.7



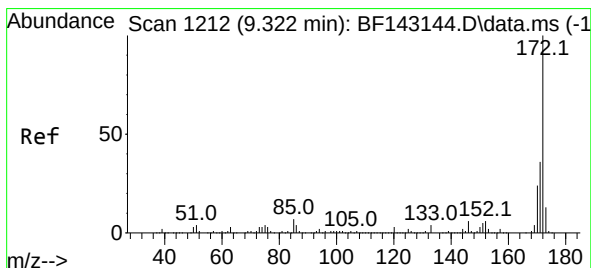
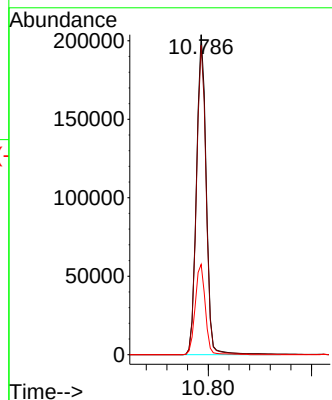
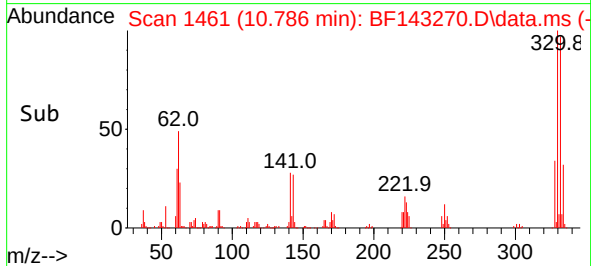


#42
2,4,6-Tribromophenol
Concen: 121.980 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143270.D
Acq: 30 Jul 2025 15:52

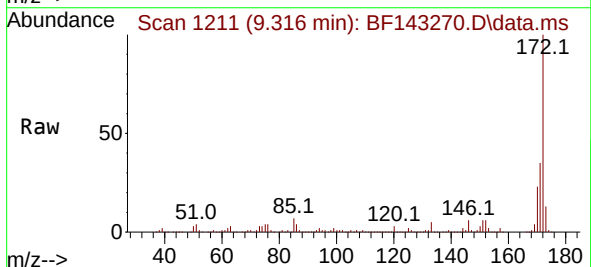
Instrument :
BNA_F
ClientSampleId :
PB168971BL



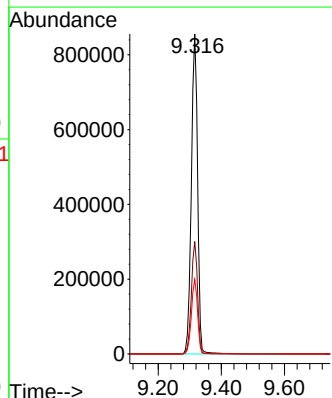
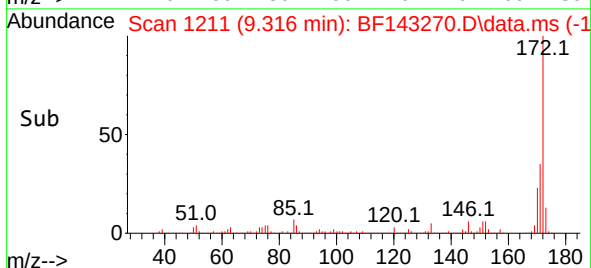
Tgt Ion:330 Resp: 267536
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 29.1 23.3 34.9

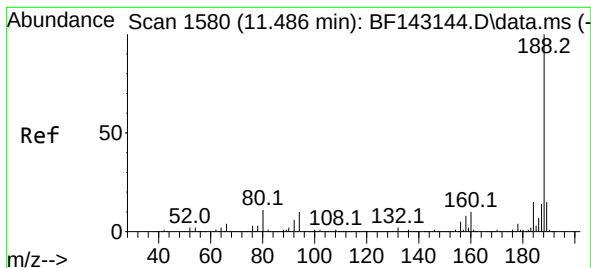


#45
2-Fluorobiphenyl
Concen: 75.549 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143270.D
Acq: 30 Jul 2025 15:52



Tgt Ion:172 Resp: 1172818
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: 11.486 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143270.D

Acq: 30 Jul 2025 15:52

Instrument :

BNA_F

ClientSampleId :

PB168971BL

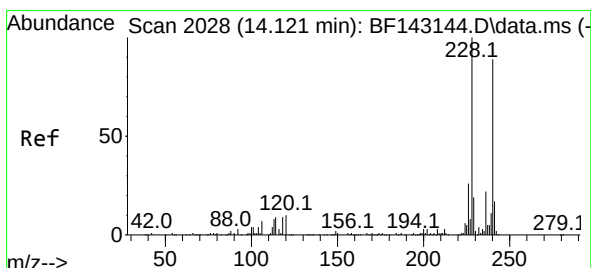
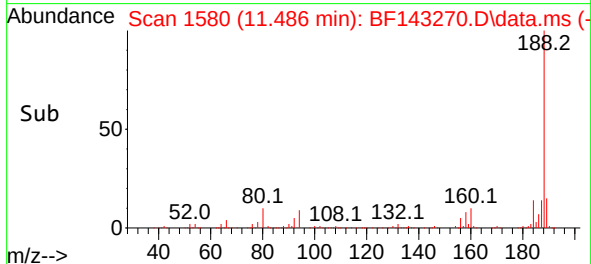
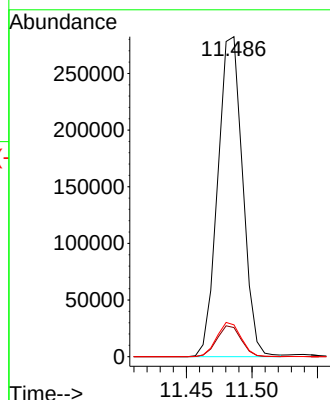
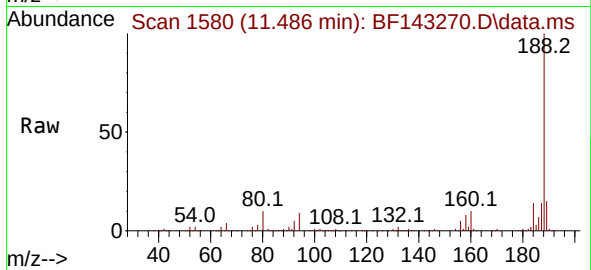
Tgt Ion:188 Resp: 372104

Ion Ratio Lower Upper

188 100

94 9.1 8.3 12.5

80 10.0 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: BF143270.D

Acq: 30 Jul 2025 15:52

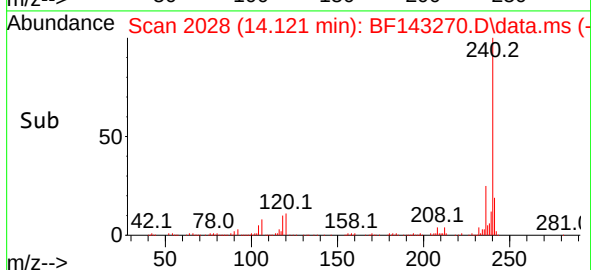
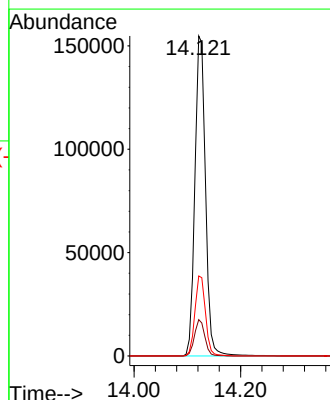
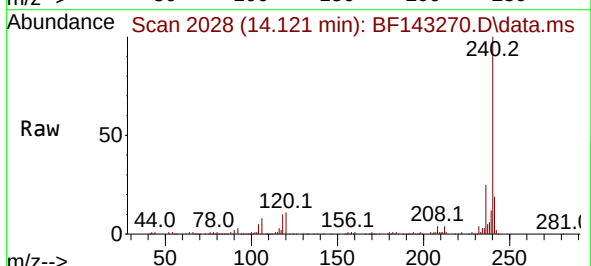
Tgt Ion:240 Resp: 214586

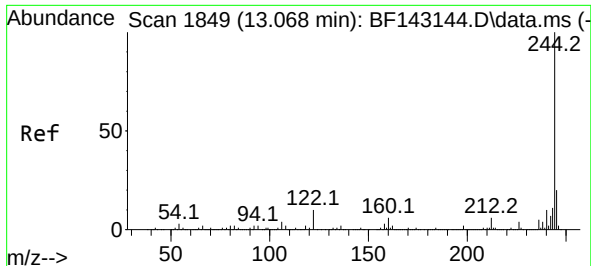
Ion Ratio Lower Upper

240 100

120 11.4 9.4 14.2

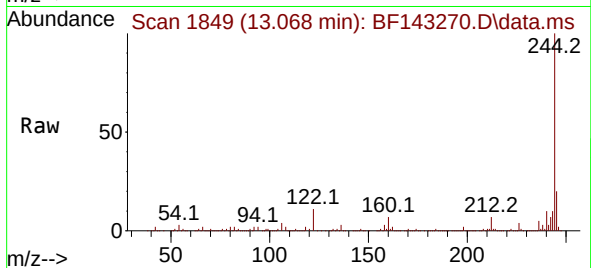
236 25.0 20.2 30.4



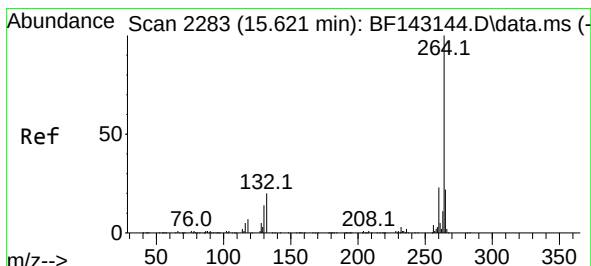
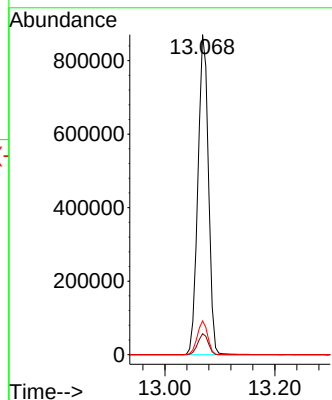
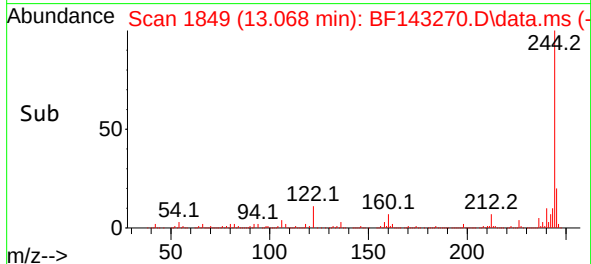


#79
 Terphenyl-d14
 Concen: 80.362 ng
 RT: 13.068 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143270.D
 Acq: 30 Jul 2025 15:52

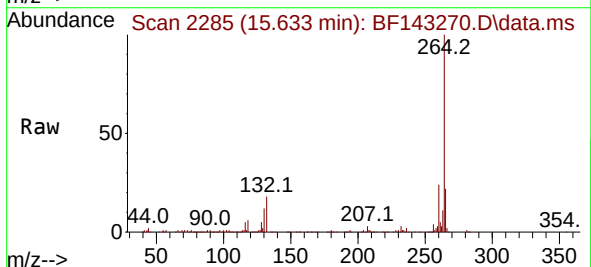
Instrument :
 BNA_F
 ClientSampleId :
 PB168971BL



Tgt Ion:244 Resp: 1158826
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 10.5 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: BF143270.D
 Acq: 30 Jul 2025 15:52



Tgt Ion:264 Resp: 214112
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.5 27.7
 265 21.8 17.4 26.2

