

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143149.D
 Acq On : 17 Jul 2025 15:36
 Operator : RC/JU
 Sample : PB168813BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168813BL

Quant Time: Jul 17 16:25:39 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	146767	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	569126	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	303459	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	522570	20.000	ng	0.00
76) Chrysene-d12	14.115	240	289033	20.000	ng	0.00
86) Perylene-d12	15.621	264	289854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	1070103	115.380	ng	0.01
7) Phenol-d6	6.581	99	1359950	116.496	ng	0.00
23) Nitrobenzene-d5	7.516	82	898609	78.705	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	382284	121.944	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1650294	74.375	ng	0.00
79) Terphenyl-d14	13.069	244	1591473	81.938	ng	0.00

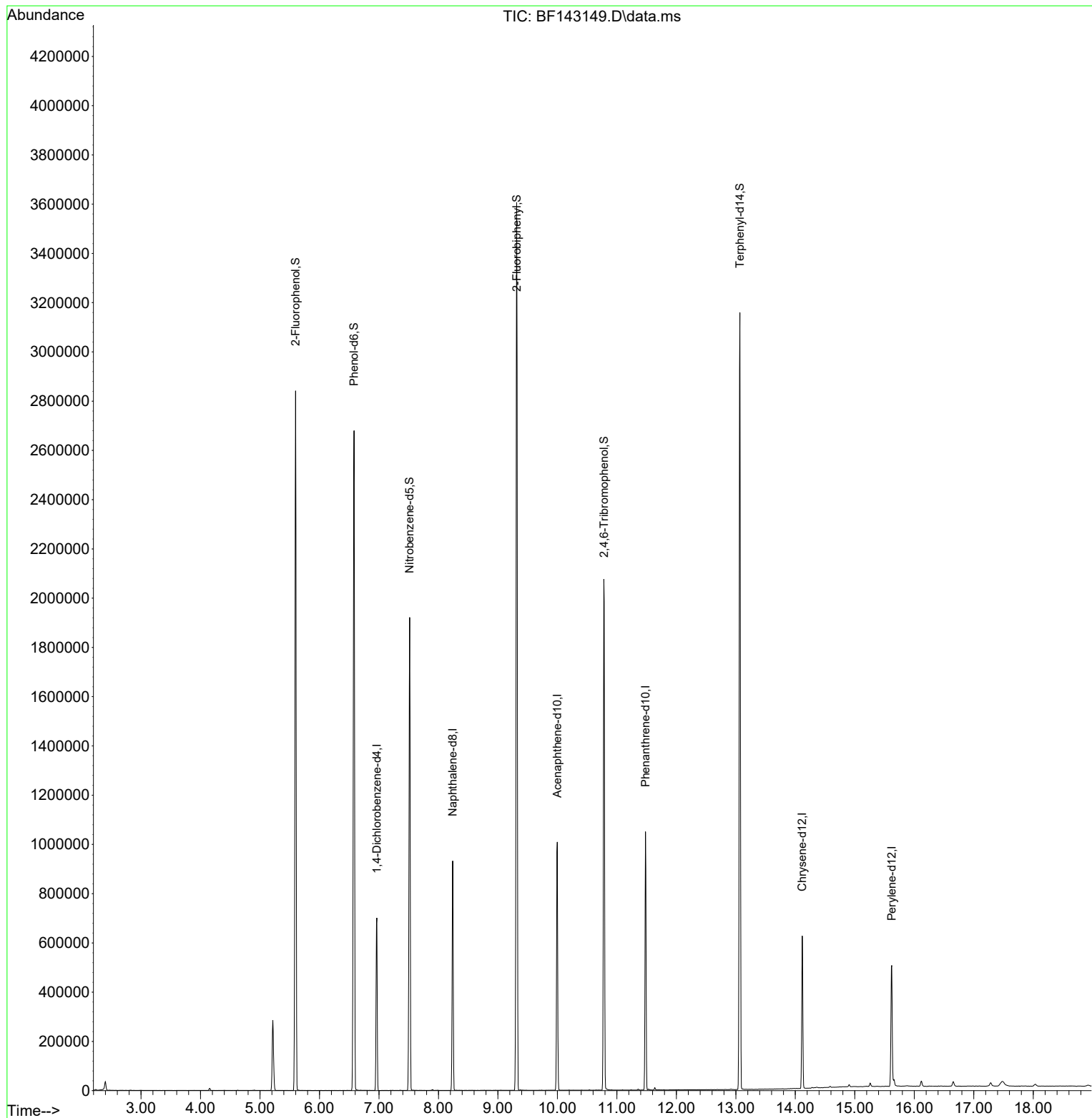
Target Compounds	Qvalue

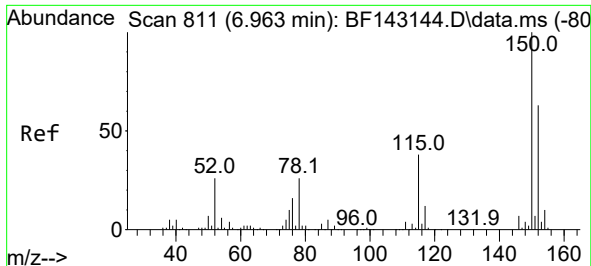
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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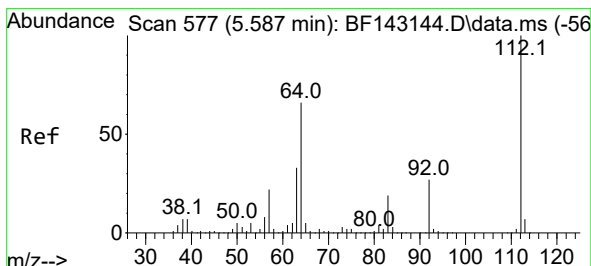
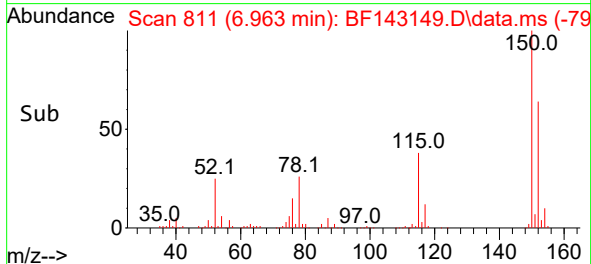
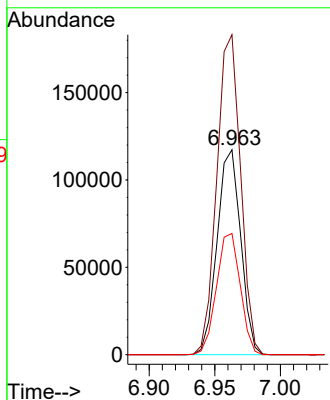
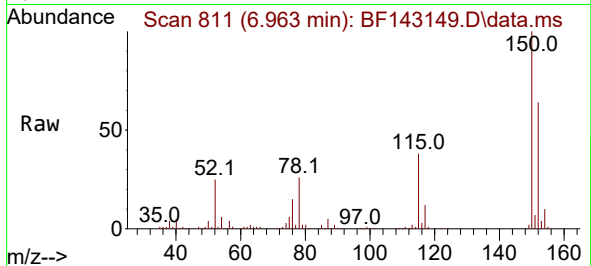




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143149.D
Acq: 17 Jul 2025 15:36

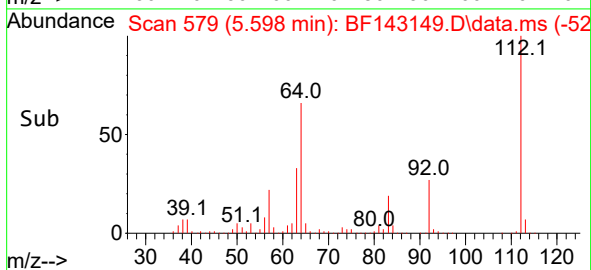
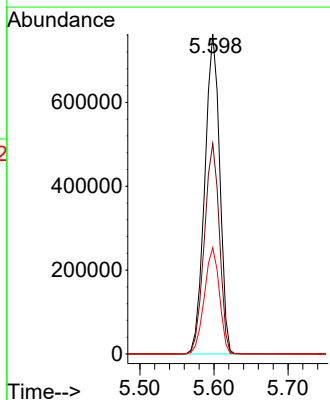
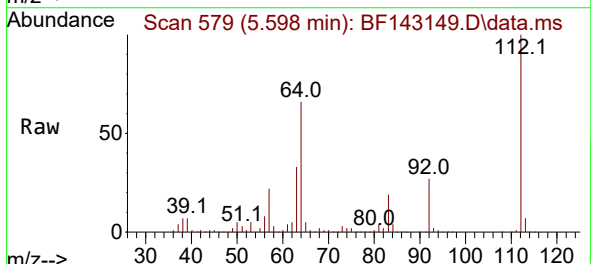
Instrument :
BNA_F
ClientSampleId :
PB168813BL

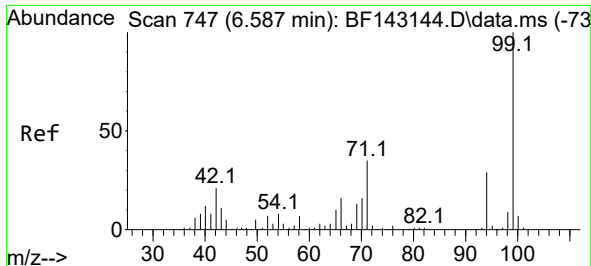
Tgt Ion:152 Resp: 146767
Ion Ratio Lower Upper
152 100
150 156.1 128.2 192.4
115 59.2 47.9 71.9



#5
2-Fluorophenol
Concen: 115.380 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143149.D
Acq: 17 Jul 2025 15:36

Tgt Ion:112 Resp: 1070103
Ion Ratio Lower Upper
112 100
64 65.8 53.1 79.7
63 33.2 26.6 40.0

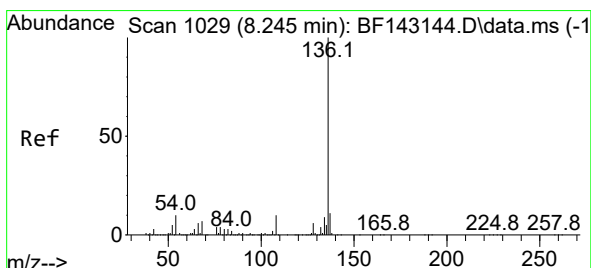
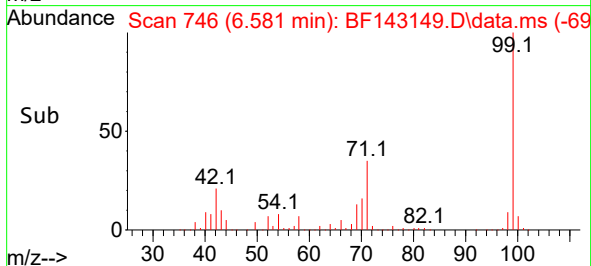
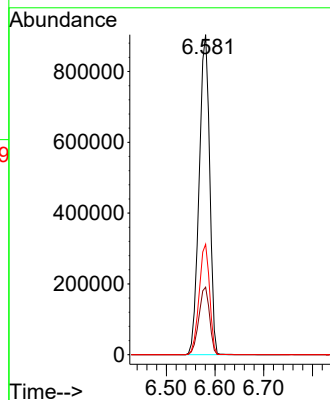
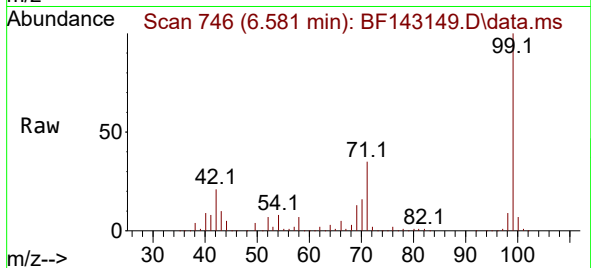




#7
Phenol-d6
Concen: 116.496 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143149.D
Acq: 17 Jul 2025 15:36

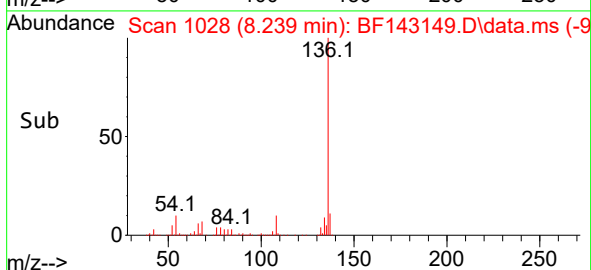
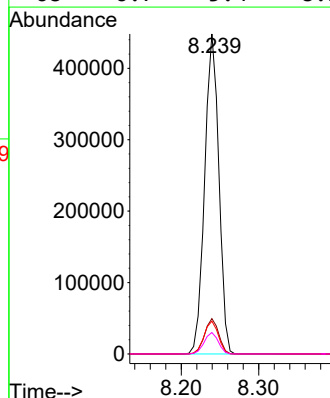
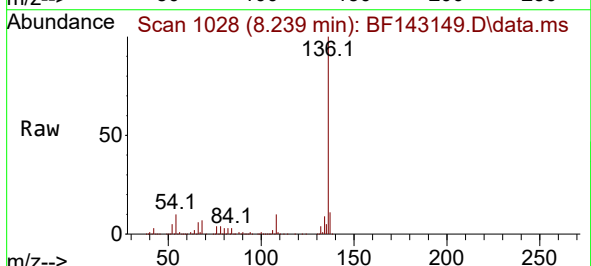
Instrument :
BNA_F
ClientSampleId :
PB168813BL

Tgt Ion: 99 Resp: 1359950
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 34.5 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: BF143149.D
Acq: 17 Jul 2025 15:36

Tgt Ion: 136 Resp: 569126
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.3 8.2 12.2
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 78.705 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143149.D

Acq: 17 Jul 2025 15:36

Instrument :

BNA_F

ClientSampleId :

PB168813BL

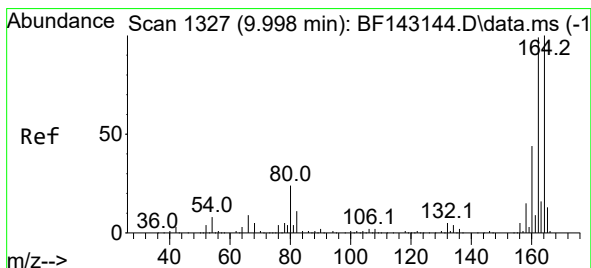
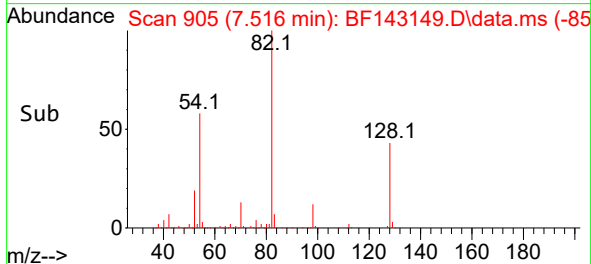
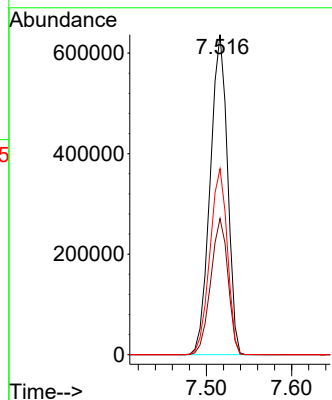
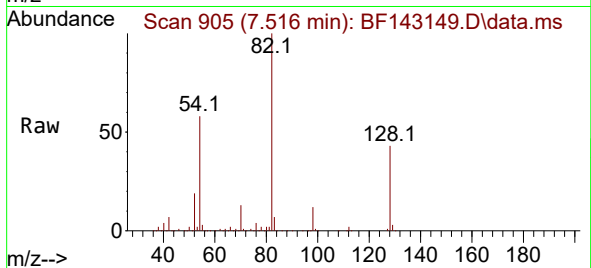
Tgt Ion: 82 Resp: 898609

Ion Ratio Lower Upper

82 100

128 42.6 33.6 50.4

54 58.1 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: BF143149.D

Acq: 17 Jul 2025 15:36

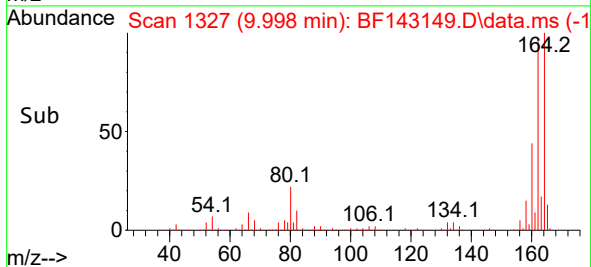
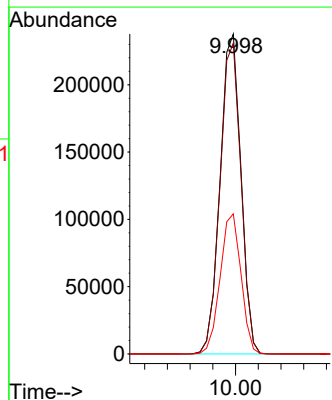
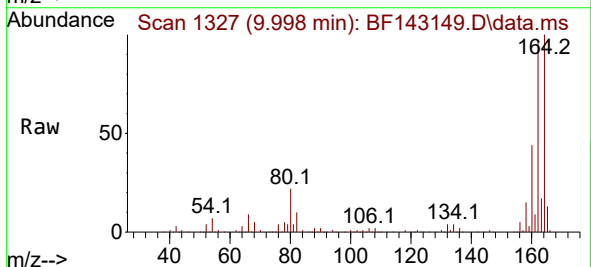
Tgt Ion: 164 Resp: 303459

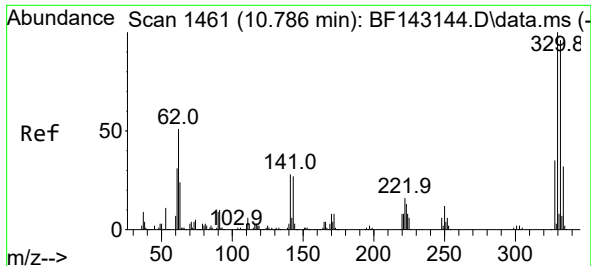
Ion Ratio Lower Upper

164 100

162 97.1 79.0 118.6

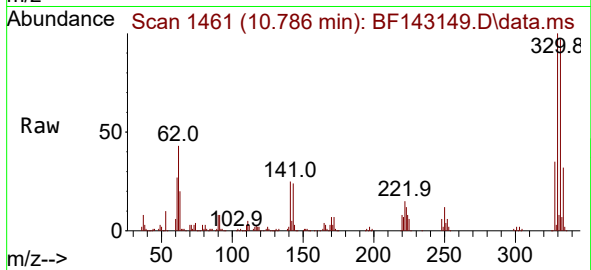
160 43.8 35.1 52.7



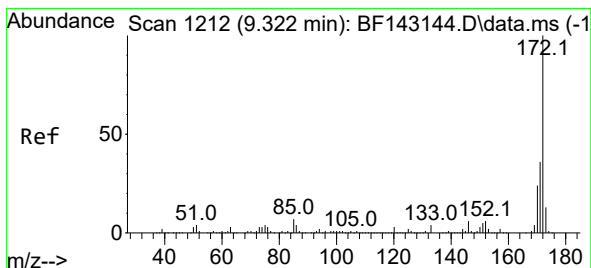
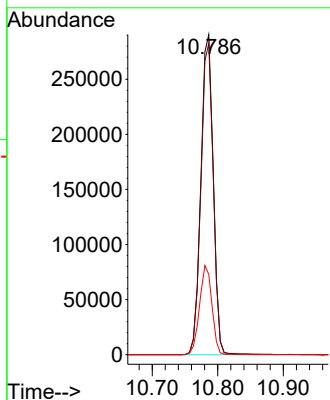
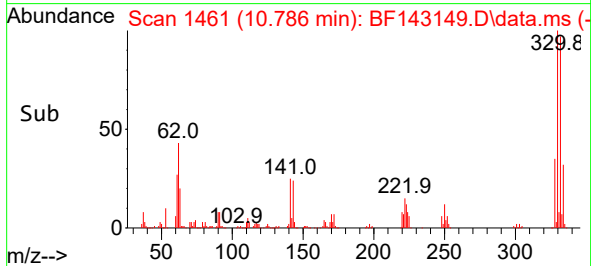


#42
2,4,6-Tribromophenol
Concen: 121.944 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143149.D
Acq: 17 Jul 2025 15:36

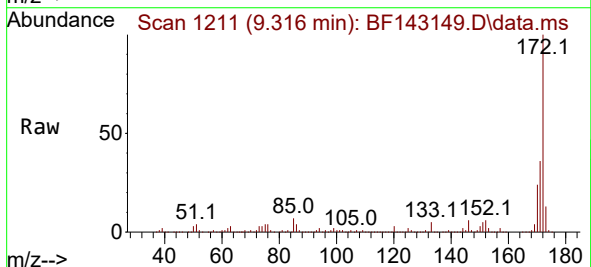
Instrument :
BNA_F
ClientSampleId :
PB168813BL



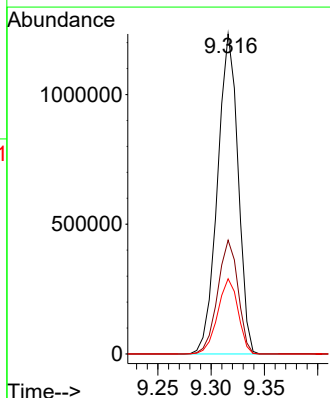
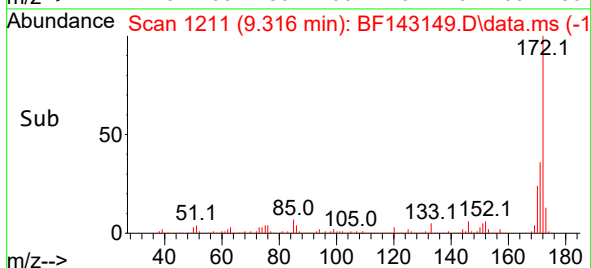
Tgt Ion:330 Resp: 382284
Ion Ratio Lower Upper
330 100
332 97.1 76.7 115.1
141 27.8 23.3 34.9

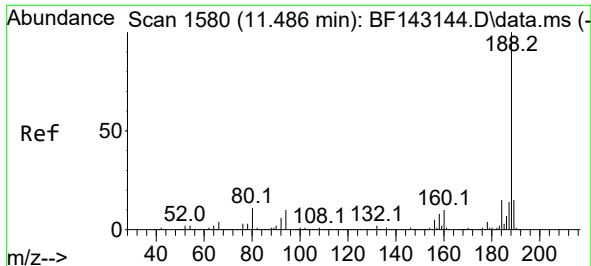


#45
2-Fluorobiphenyl
Concen: 74.375 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143149.D
Acq: 17 Jul 2025 15:36



Tgt Ion:172 Resp: 1650294
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.5 18.8 28.2

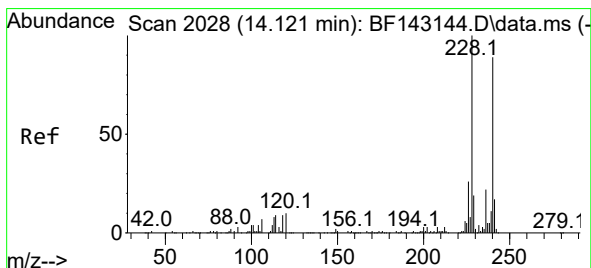
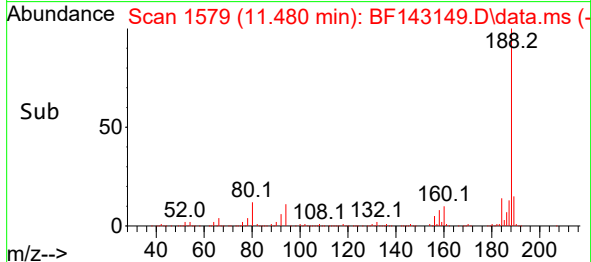
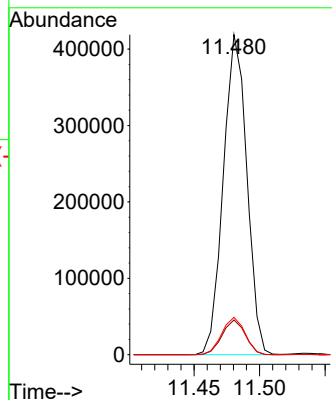
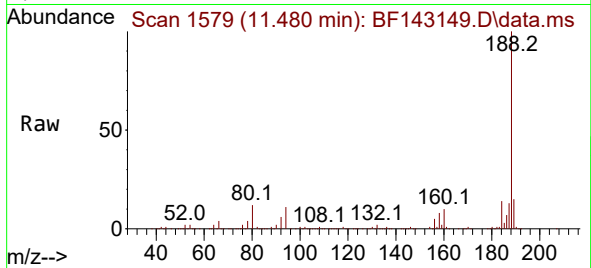




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143149.D
Acq: 17 Jul 2025 15:36

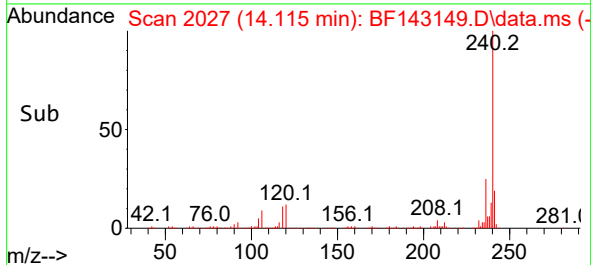
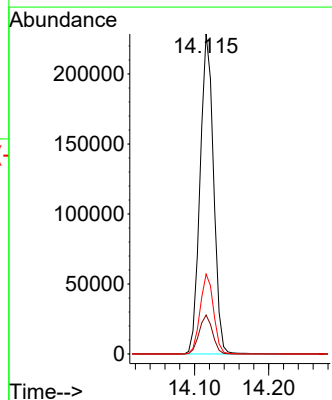
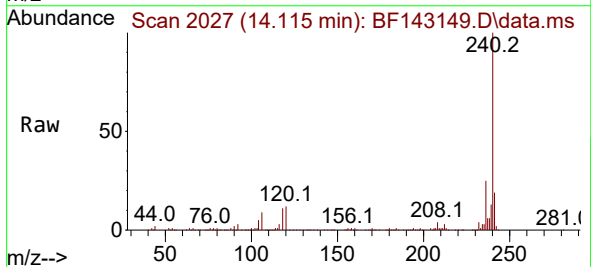
Instrument :
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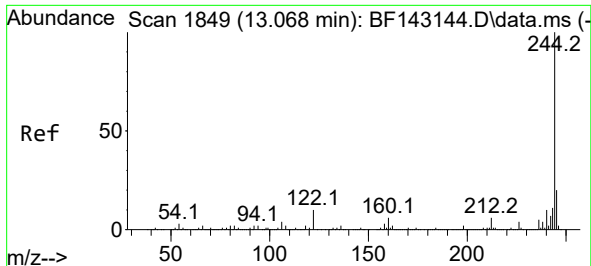
Tgt Ion:188 Resp: 522570
Ion Ratio Lower Upper
188 100
94 10.8 8.3 12.5
80 11.7 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143149.D
Acq: 17 Jul 2025 15:36

Tgt Ion:240 Resp: 289033
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.2
236 25.0 20.2 30.4

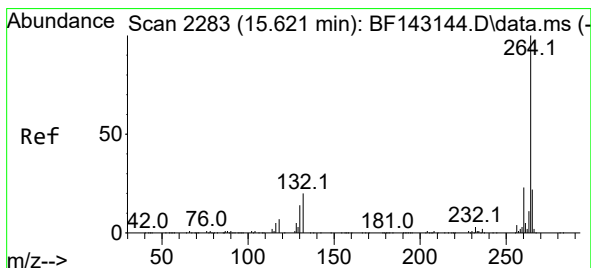
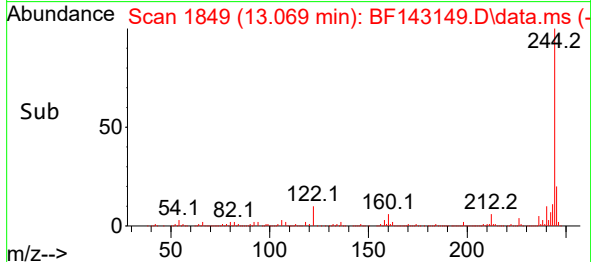
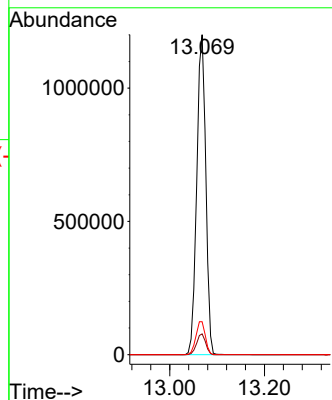
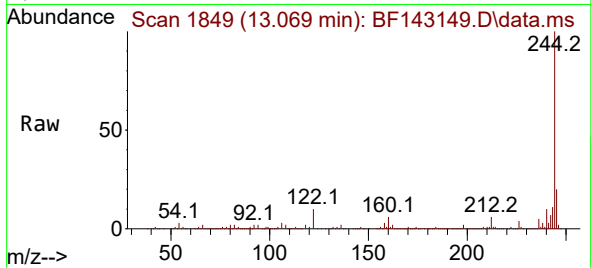




#79
 Terphenyl-d14
 Concen: 81.938 ng
 RT: 13.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143149.D
 Acq: 17 Jul 2025 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB168813BL

Tgt Ion:244 Resp: 1591473
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 10.3 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF143149.D
 Acq: 17 Jul 2025 15:36

Tgt Ion:264 Resp: 289854
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.6 17.4 26.2

