

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
 Data File : BF143583.D
 Acq On : 22 Aug 2025 20:20
 Operator : RC/JU
 Sample : Q2892-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-FLOOR-DRILL-B-BACK

Quant Time: Aug 25 02:40:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	99423	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	395331	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	234349	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	370076	20.000	ng	0.00
76) Chrysene-d12	14.092	240	201541	20.000	ng	-0.01
86) Perylene-d12	15.592	264	187142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	424448	74.546	ng	0.00
7) Phenol-d6	6.557	99	555081	78.974	ng	-0.02
23) Nitrobenzene-d5	7.481	82	399224	58.929	ng	-0.02
42) 2,4,6-Tribromophenol	10.751	330	167407	76.741	ng	-0.01
45) 2-Fluorobiphenyl	9.281	172	784581	55.330	ng	0.00
79) Terphenyl-d14	13.033	244	724607	62.740	ng	0.00

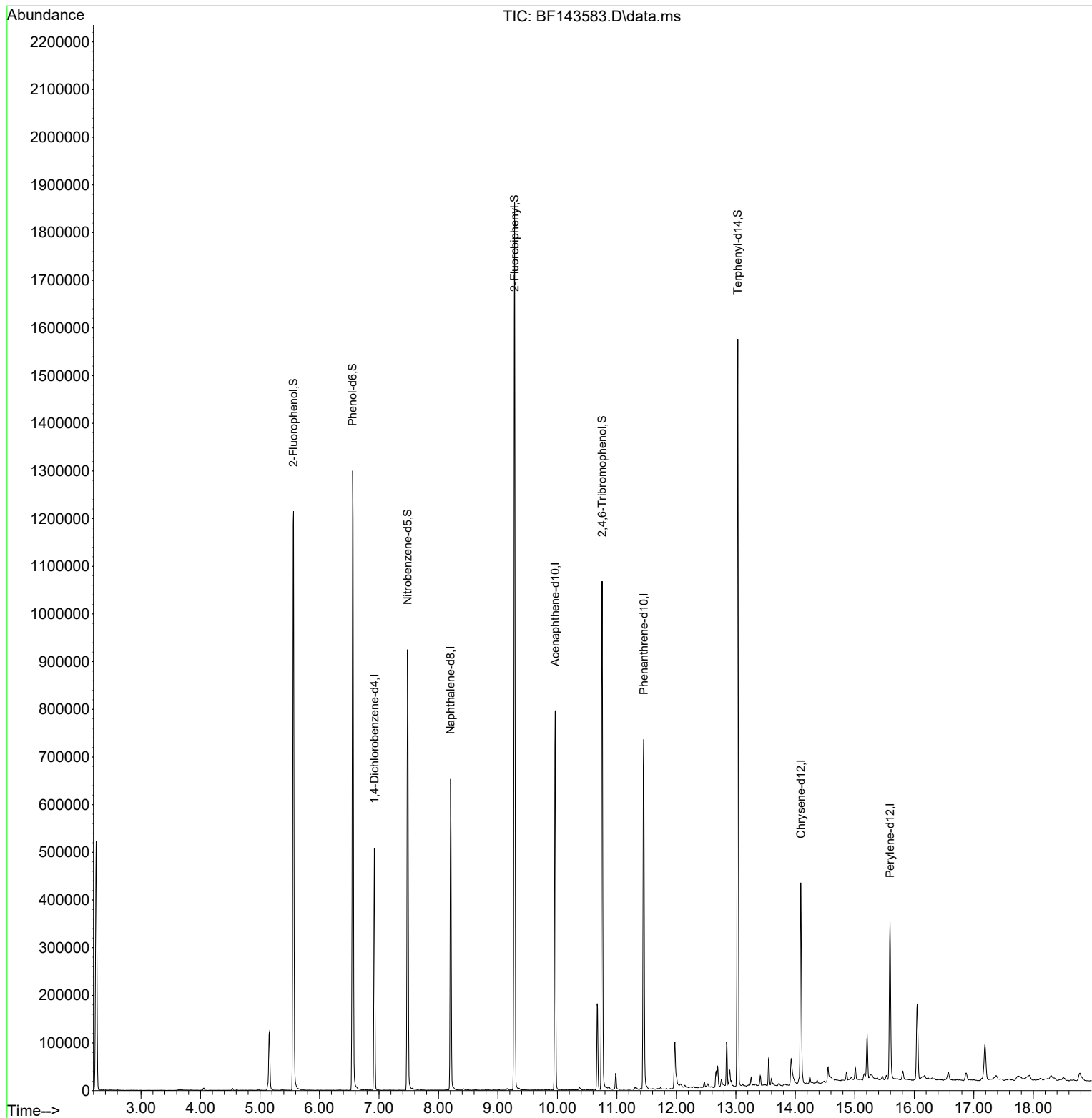
Target Compounds	Qvalue

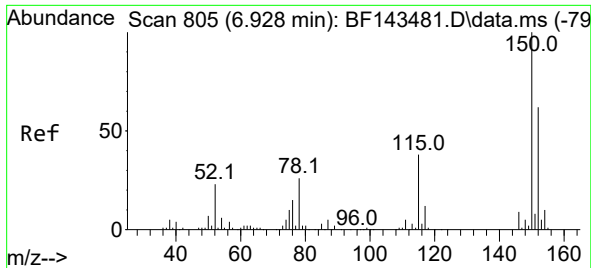
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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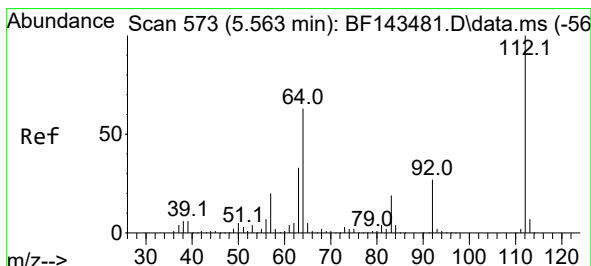
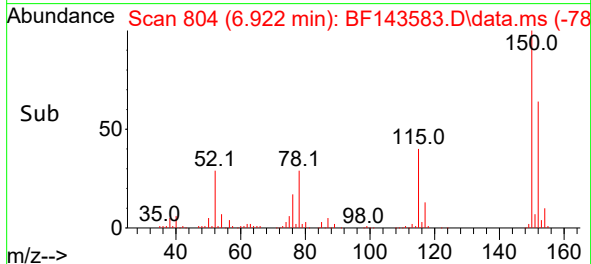
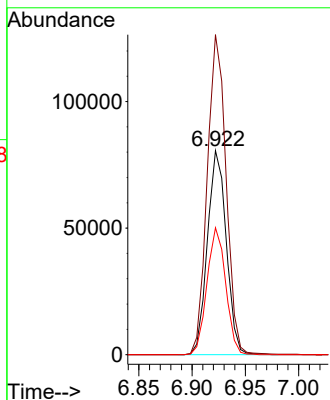
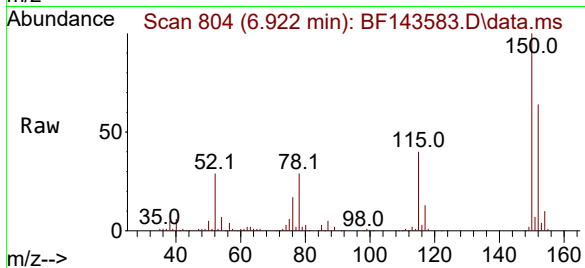




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BF143583.D
 Acq: 22 Aug 2025 20:20

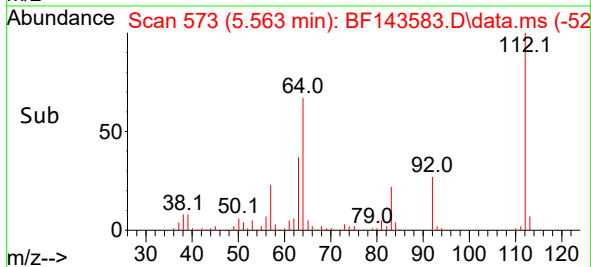
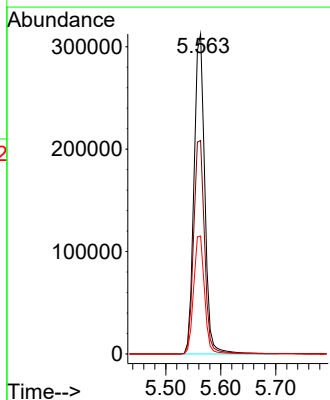
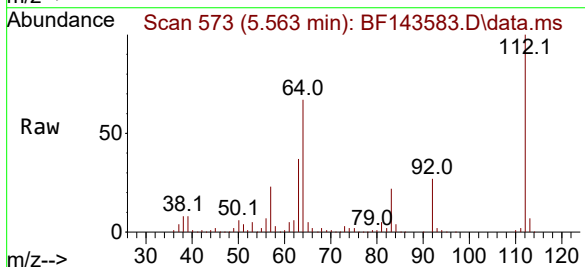
Instrument :
 BNA_F
 ClientSampleId :
 1-FLOOR-DRILL-B-BACK

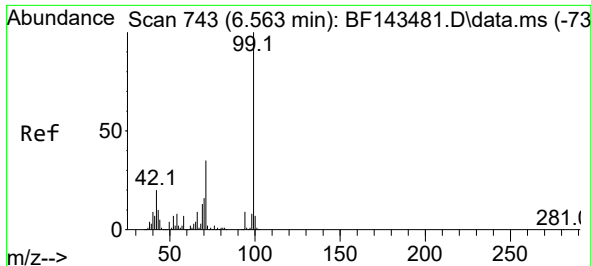
Tgt Ion:152 Resp: 99423
 Ion Ratio Lower Upper
 152 100
 150 156.9 128.9 193.3
 115 62.2 49.2 73.8



#5
 2-Fluorophenol
 Concen: 74.546 ng
 RT: 5.563 min Scan# 573
 Delta R.T. 0.000 min
 Lab File: BF143583.D
 Acq: 22 Aug 2025 20:20

Tgt Ion:112 Resp: 424448
 Ion Ratio Lower Upper
 112 100
 64 66.7 50.4 75.6
 63 36.8 26.4 39.6

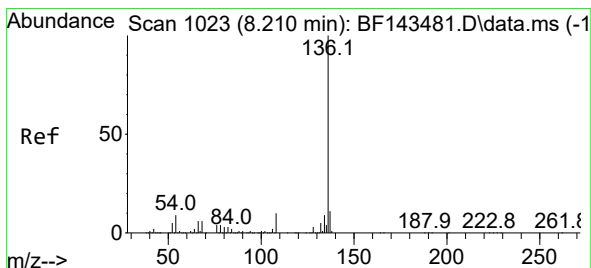
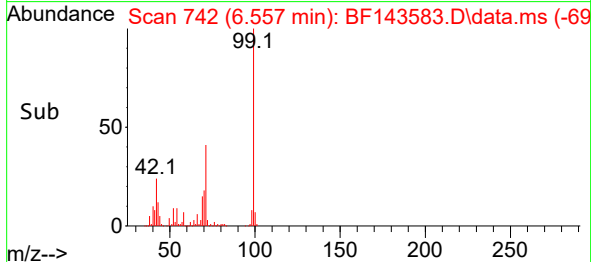
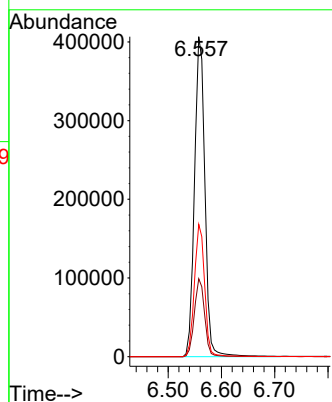
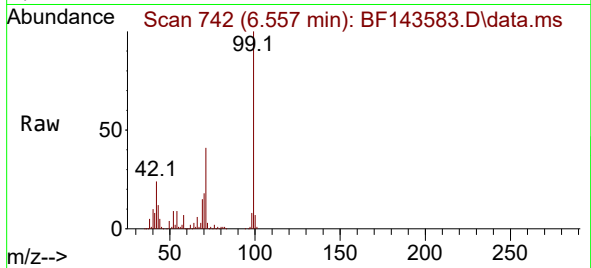




#7
Phenol-d6
Concen: 78.974 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

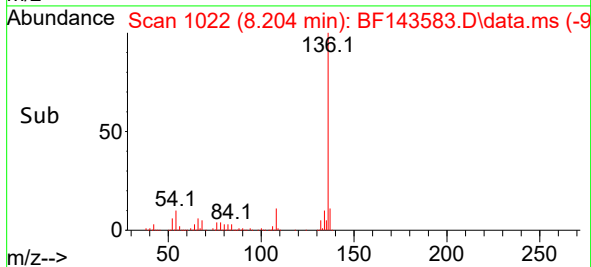
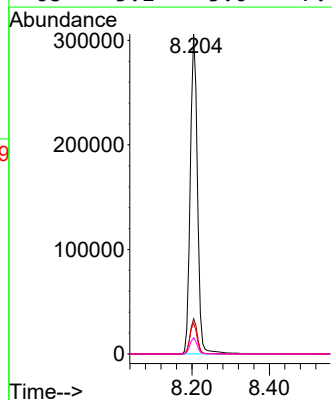
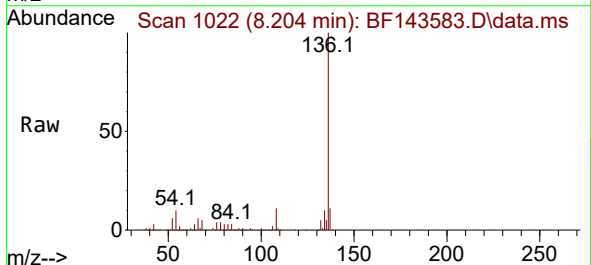
Instrument :
BNA_F
ClientSampleId :
1-FLOOR-DRILL-B-BACK

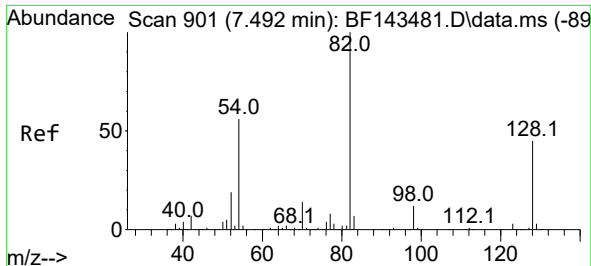
Tgt Ion: 99 Resp: 555081
Ion Ratio Lower Upper
99 100
42 24.3 16.3 24.5
71 41.4 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

Tgt Ion: 136 Resp: 395331
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.7 7.4 11.2
68 5.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 58.929 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.018 min

Lab File: BF143583.D

Acq: 22 Aug 2025 20:20

Instrument :

BNA_F

ClientSampleId :

1-FLOOR-DRILL-B-BACK

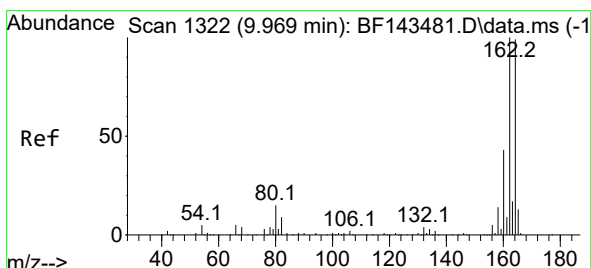
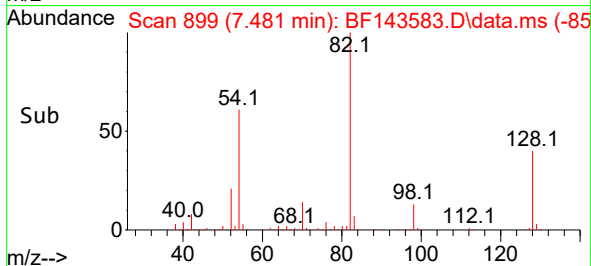
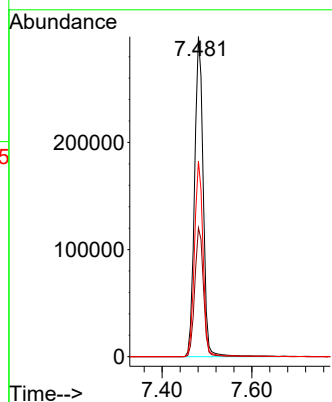
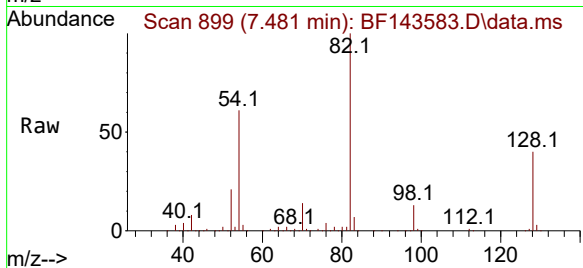
Tgt Ion: 82 Resp: 399224

Ion Ratio Lower Upper

82 100

128 40.2 35.5 53.3

54 61.1 44.3 66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF143583.D

Acq: 22 Aug 2025 20:20

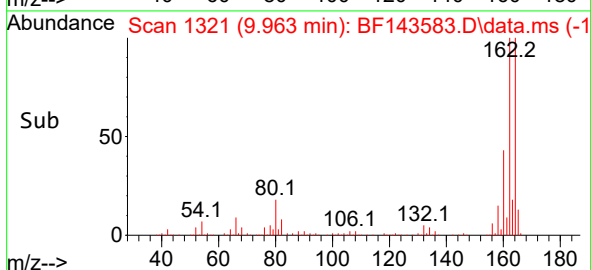
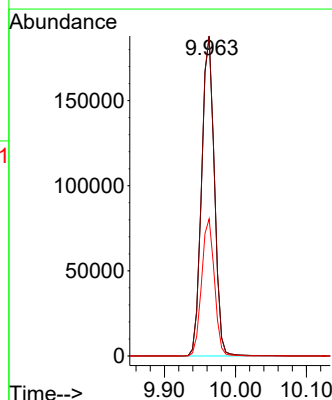
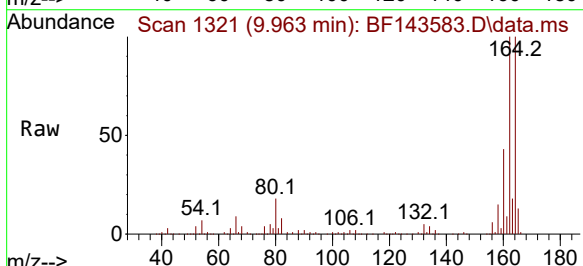
Tgt Ion:164 Resp: 234349

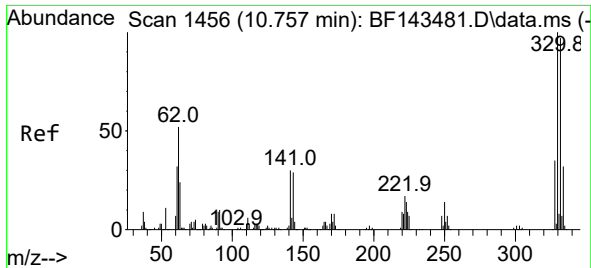
Ion Ratio Lower Upper

164 100

162 100.3 80.5 120.7

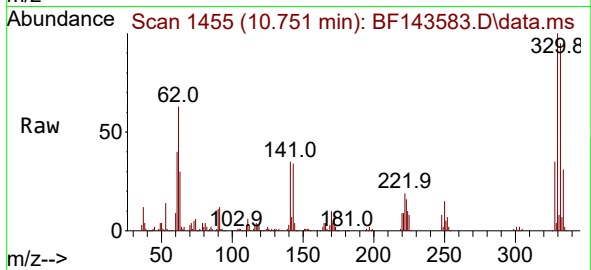
160 43.0 34.3 51.5



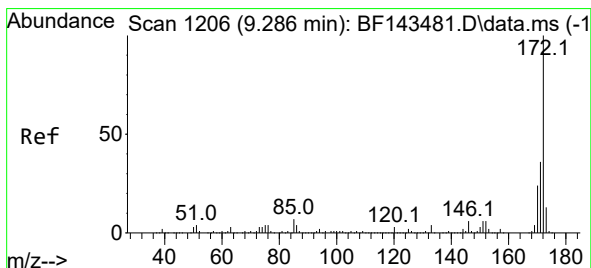
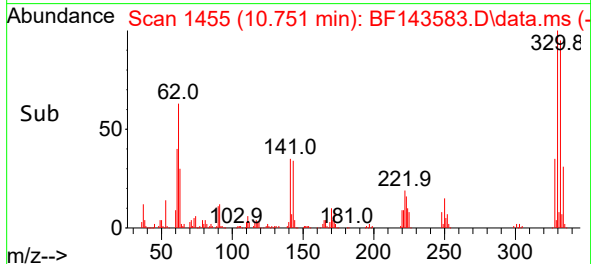
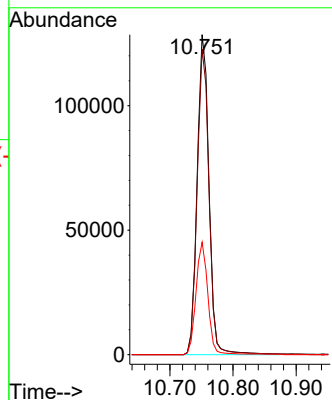


#42
2,4,6-Tribromophenol
Concen: 76.741 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.012 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

Instrument :
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ClientSampleId :
1-FLOOR-DRILL-B-BACK

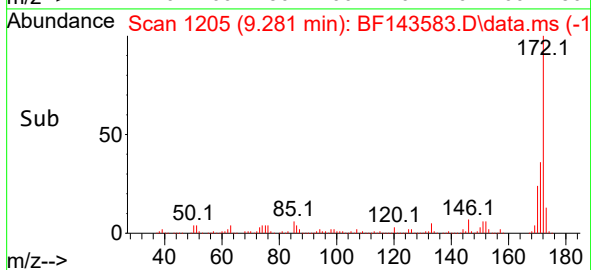
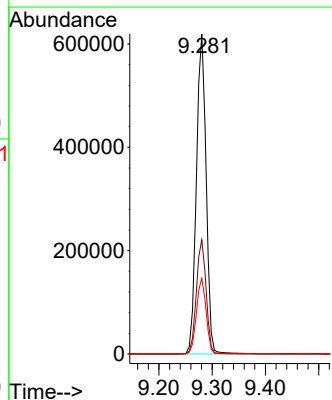
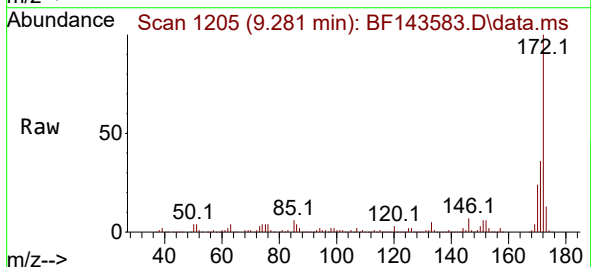


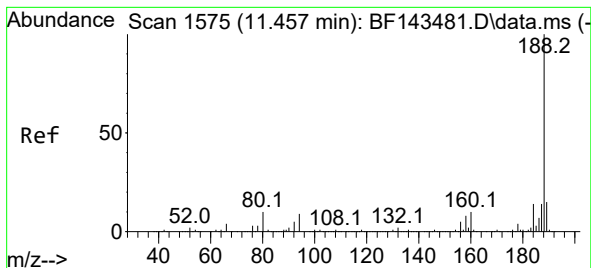
Tgt Ion: 330 Resp: 167407
Ion Ratio Lower Upper
330 100
332 95.7 78.0 117.0
141 35.4 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 55.330 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143583.D
Acq: 22 Aug 2025 20:20

Tgt Ion: 172 Resp: 784581
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143583.D

Acq: 22 Aug 2025 20:20

Instrument :

BNA_F

ClientSampleId :

1-FLOOR-DRILL-B-BACK

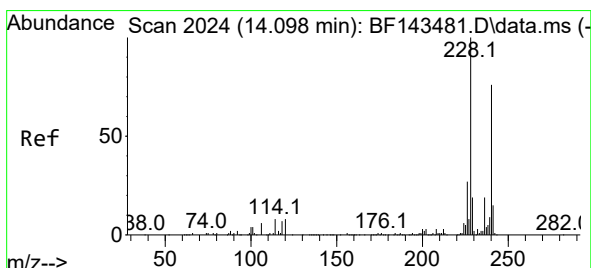
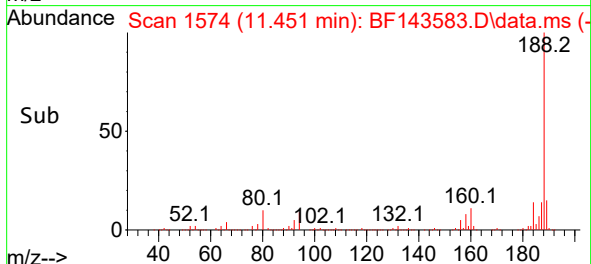
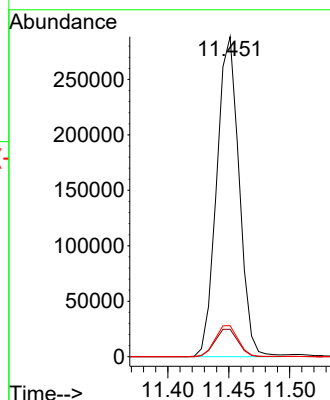
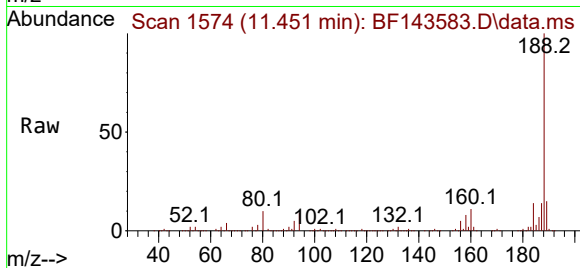
Tgt Ion:188 Resp: 370076

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 9.7 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BF143583.D

Acq: 22 Aug 2025 20:20

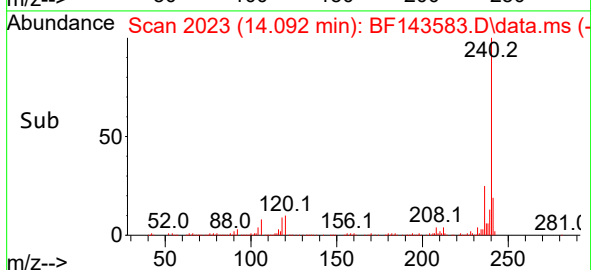
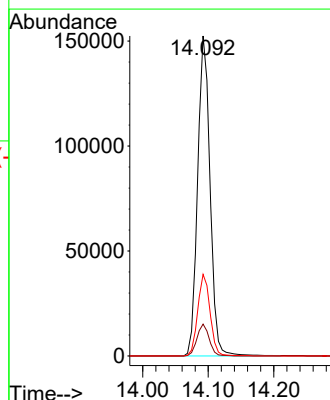
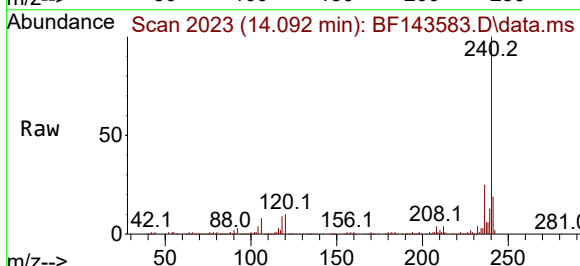
Tgt Ion:240 Resp: 201541

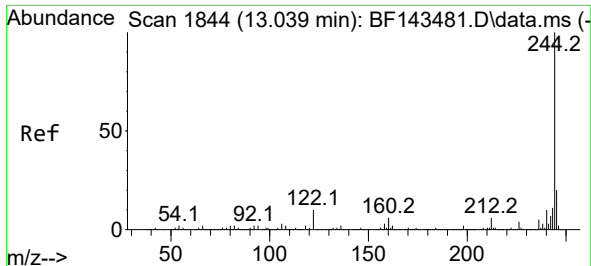
Ion Ratio Lower Upper

240 100

120 9.9 8.6 12.8

236 25.5 20.4 30.6

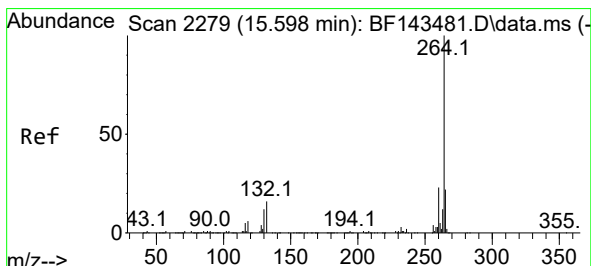
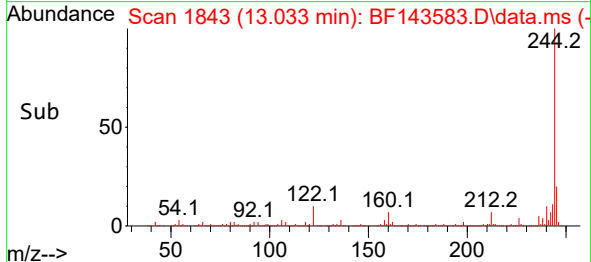
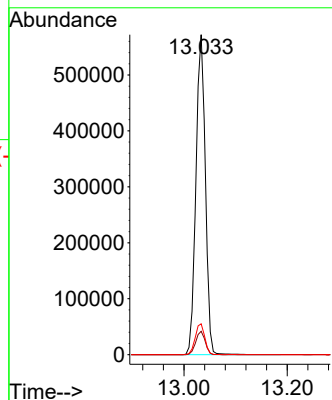
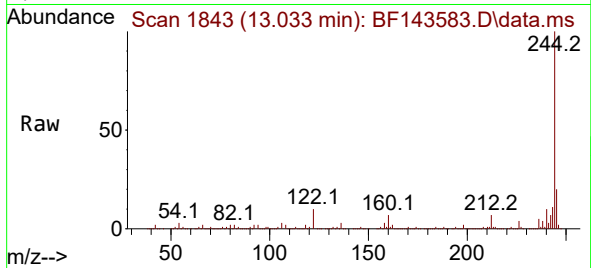




#79
 Terphenyl-d14
 Concen: 62.740 ng
 RT: 13.033 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF143583.D
 Acq: 22 Aug 2025 20:20

Instrument :
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 ClientSampleId :
 1-FLOOR-DRILL-B-BACK

Tgt Ion:244 Resp: 724607
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.2 7.8
 122 9.6 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF143583.D
 Acq: 22 Aug 2025 20:20

Tgt Ion:264 Resp: 187142
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.3 17.6 26.4

