

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143510.D
 Acq On : 21 Aug 2025 03:52
 Operator : RC/JU
 Sample : Q2892-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-NORTH-D

Quant Time: Aug 21 04:52:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 20 15:07:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	129359	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	497400	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	266941	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	392493	20.000	ng	0.00
76) Chrysene-d12	14.092	240	226901	20.000	ng	-0.01
86) Perylene-d12	15.592	264	273462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	661893	89.346	ng	0.00
7) Phenol-d6	6.557	99	840548	91.913	ng	-0.02
23) Nitrobenzene-d5	7.481	82	553576	64.945	ng	-0.02
42) 2,4,6-Tribromophenol	10.751	330	222404	89.505	ng	-0.01
45) 2-Fluorobiphenyl	9.281	172	1074704	66.537	ng	0.00
79) Terphenyl-d14	13.033	244	857307	65.933	ng	0.00

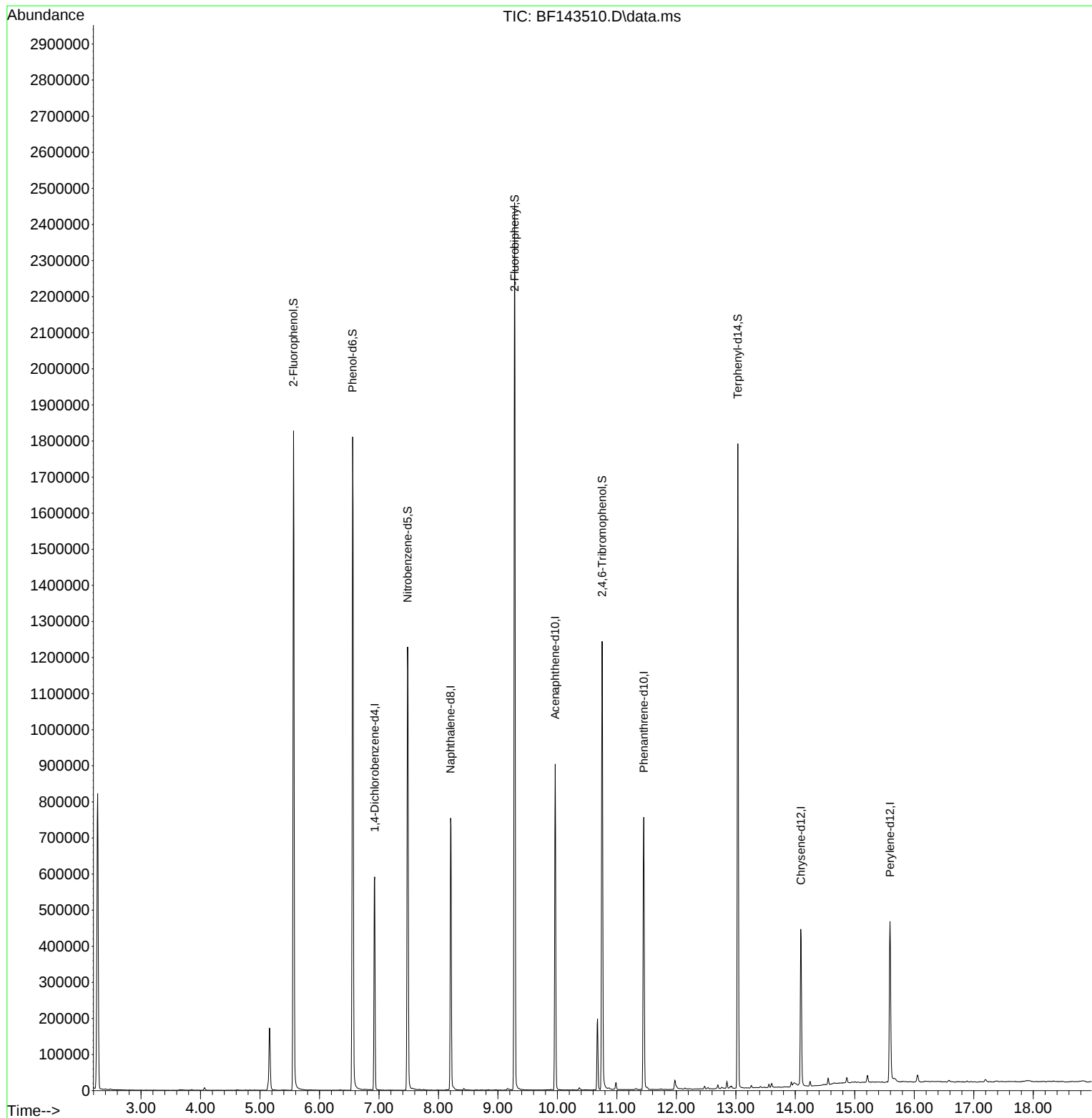
Target Compounds	Qvalue

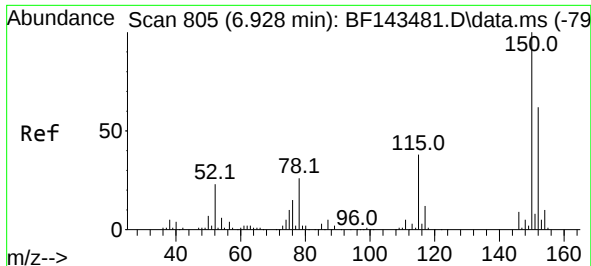
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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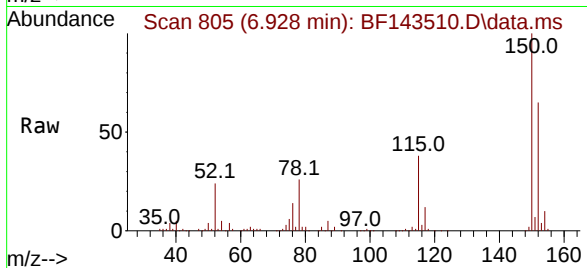
Quant Time: Aug 21 04:52:45 2025
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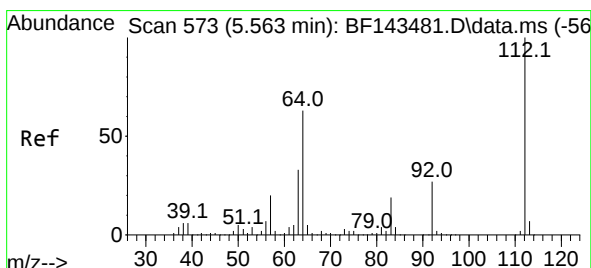
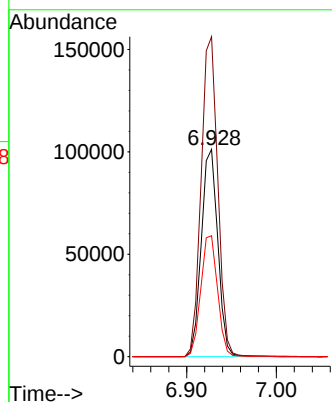
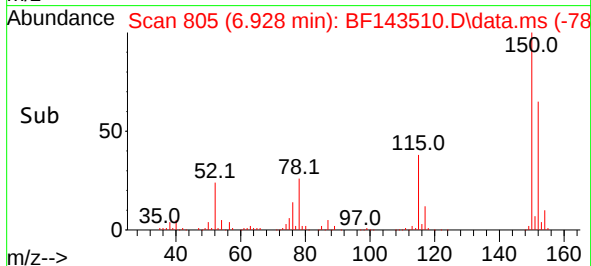


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52

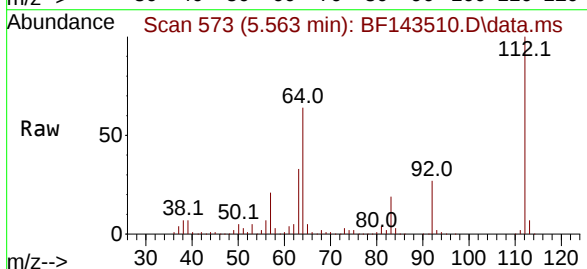
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-NORTH-D



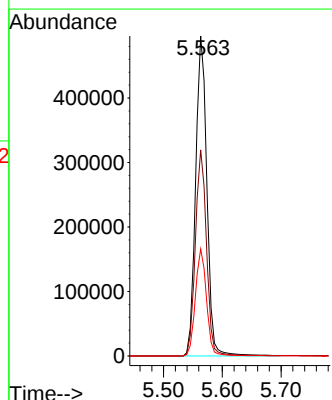
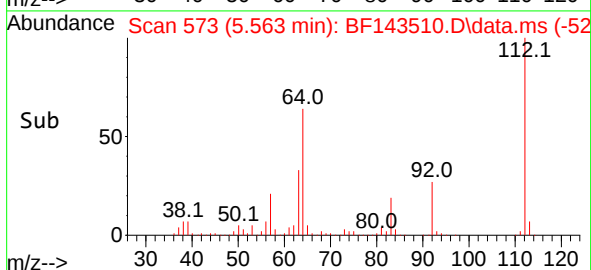
Tgt Ion:152 Resp: 129359
Ion Ratio Lower Upper
152 100
150 154.3 128.9 193.3
115 58.3 49.2 73.8

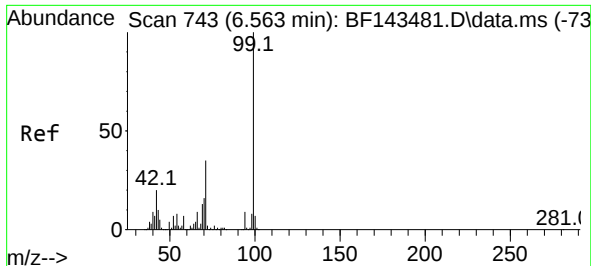


#5
2-Fluorophenol
Concen: 89.346 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52



Tgt Ion:112 Resp: 661893
Ion Ratio Lower Upper
112 100
64 64.4 50.4 75.6
63 33.4 26.4 39.6

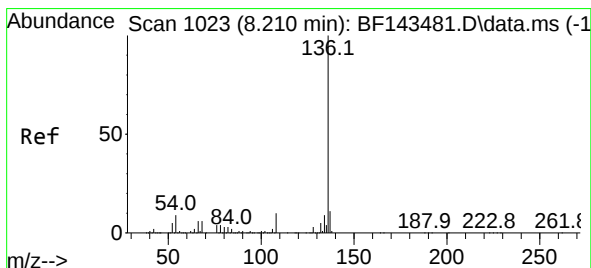
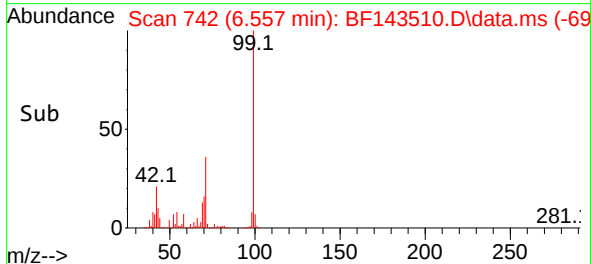
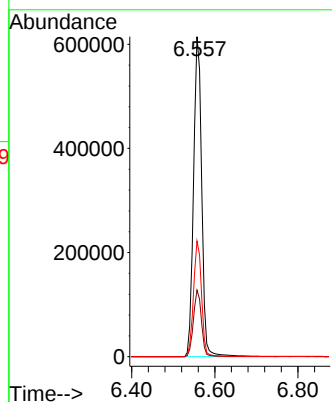
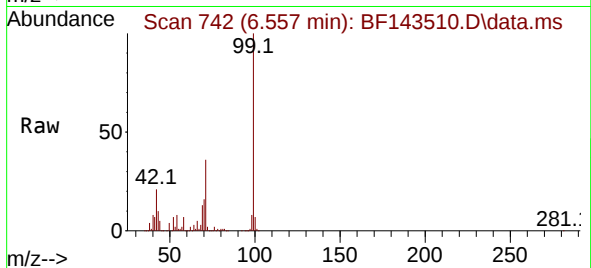




#7
Phenol-d6
Concen: 91.913 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52

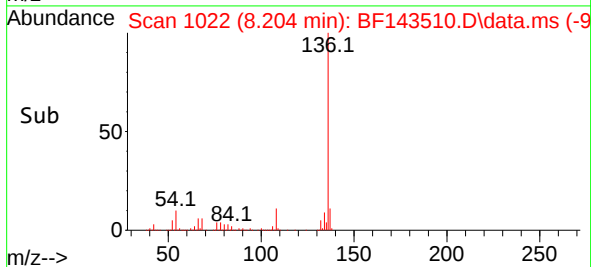
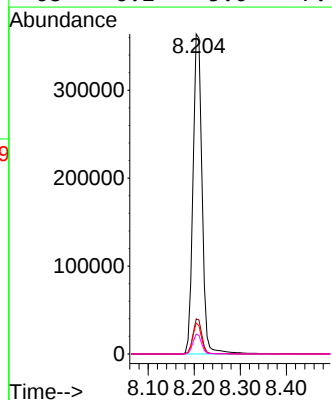
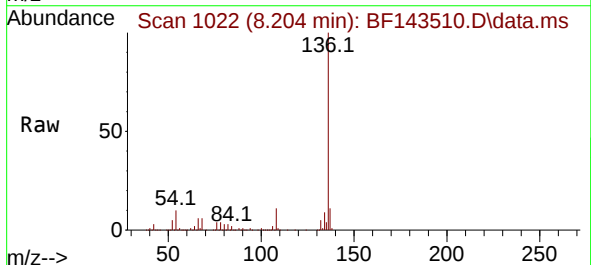
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-NORTH-D

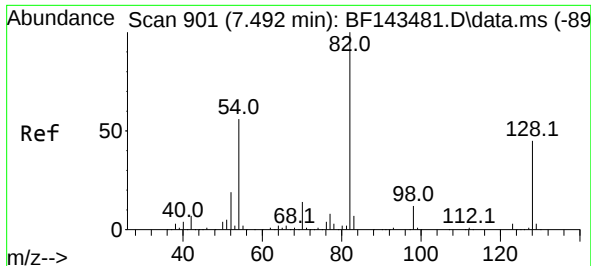
Tgt Ion: 99 Resp: 840548
Ion Ratio Lower Upper
99 100
42 20.8 16.3 24.5
71 36.1 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52

Tgt Ion: 136 Resp: 497400
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.6 7.4 11.2
68 6.2 5.0 7.4

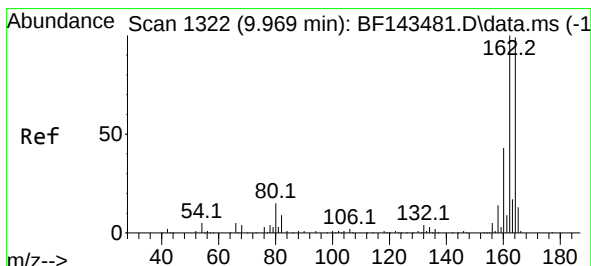
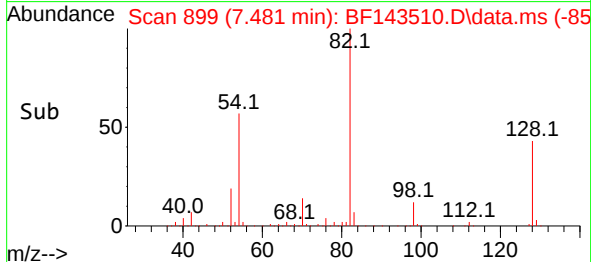
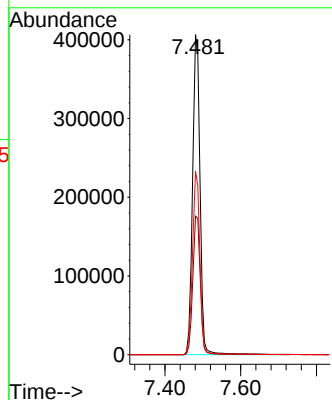
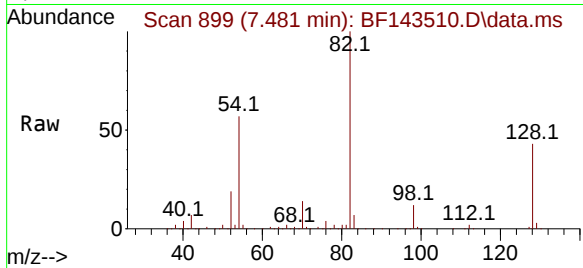




#23
Nitrobenzene-d5
Concen: 64.945 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52

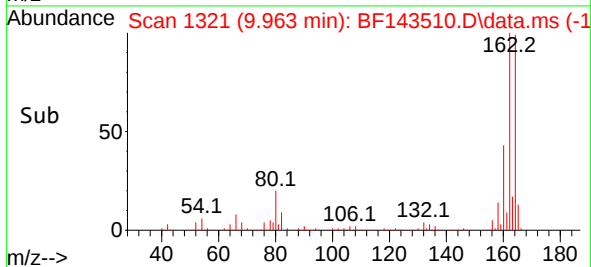
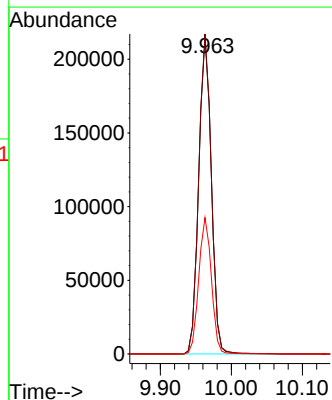
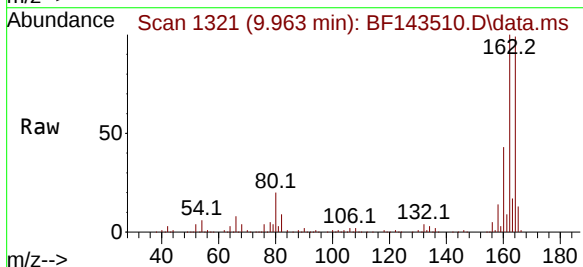
Instrument :
BNA_F
ClientSampleId :
3-FLOOR-NORTH-D

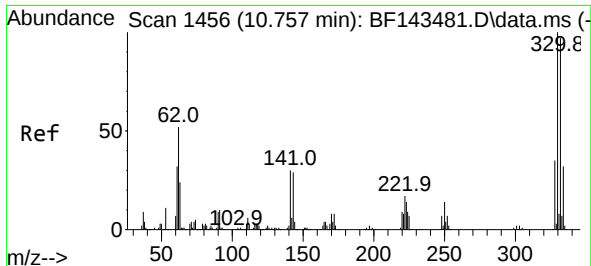
Tgt Ion: 82 Resp: 553576
Ion Ratio Lower Upper
82 100
128 43.3 35.5 53.3
54 57.3 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143510.D
Acq: 21 Aug 2025 03:52

Tgt Ion:164 Resp: 266941
Ion Ratio Lower Upper
164 100
162 101.1 80.5 120.7
160 43.1 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 89.505 ng

RT: 10.751 min Scan# 1456

Delta R.T. -0.012 min

Lab File: BF143510.D

Acq: 21 Aug 2025 03:52

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-NORTH-D

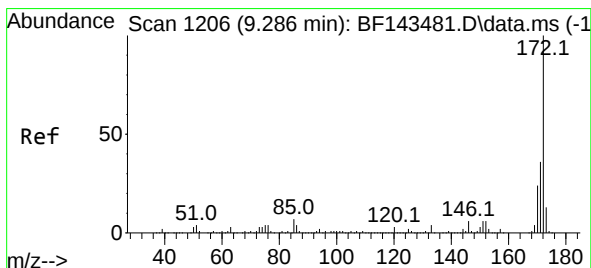
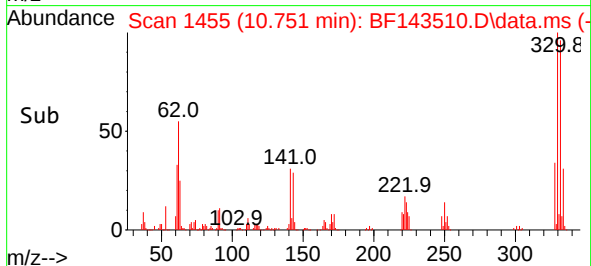
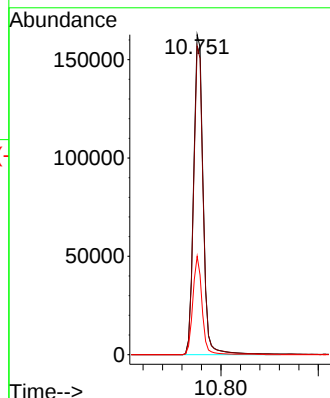
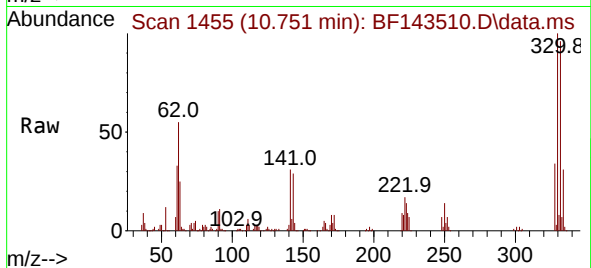
Tgt Ion:330 Resp: 222404

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

141 29.6 23.7 35.5



#45

2-Fluorobiphenyl

Concen: 66.537 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143510.D

Acq: 21 Aug 2025 03:52

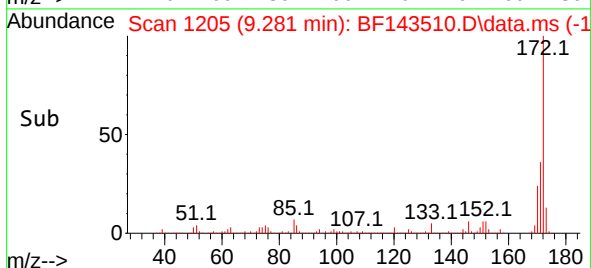
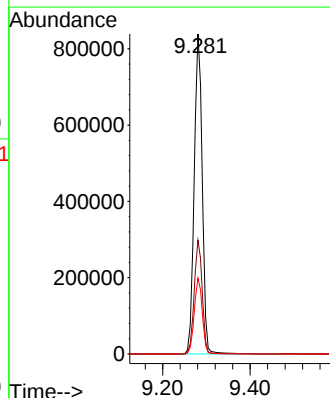
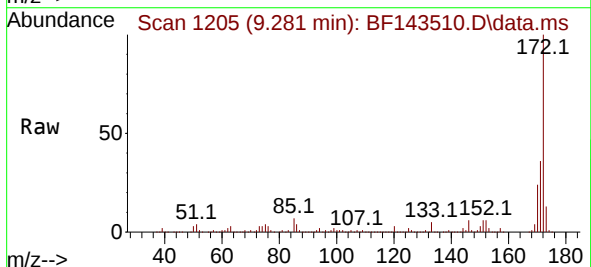
Tgt Ion:172 Resp: 1074704

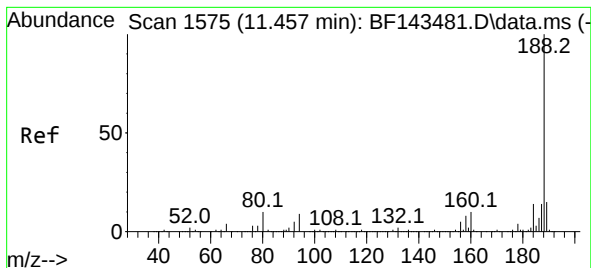
Ion Ratio Lower Upper

172 100

171 35.5 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: BF143510.D

Acq: 21 Aug 2025 03:52

Instrument :

BNA_F

ClientSampleId :

3-FLOOR-NORTH-D

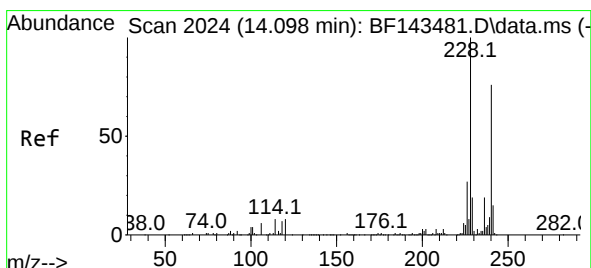
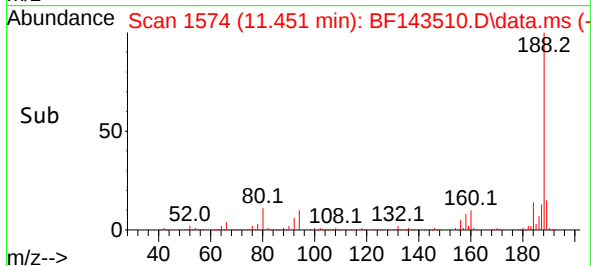
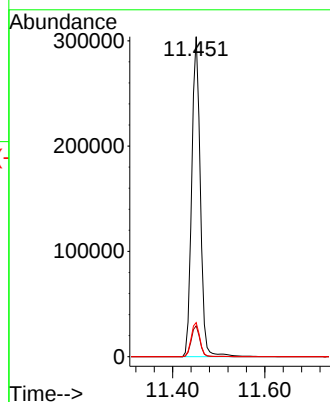
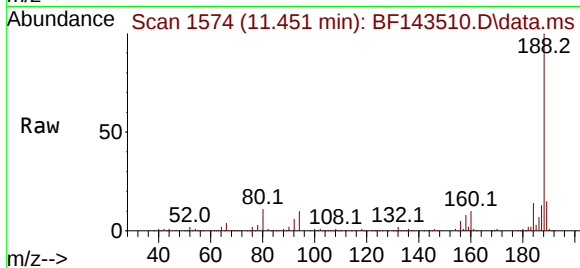
Tgt Ion:188 Resp: 392493

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.2

80 10.7 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: BF143510.D

Acq: 21 Aug 2025 03:52

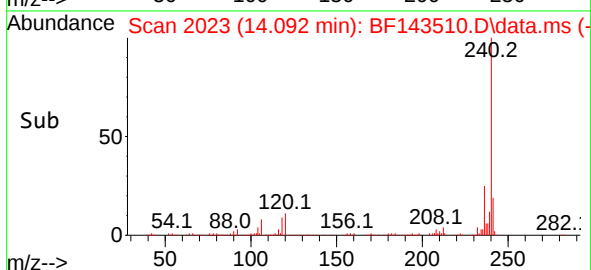
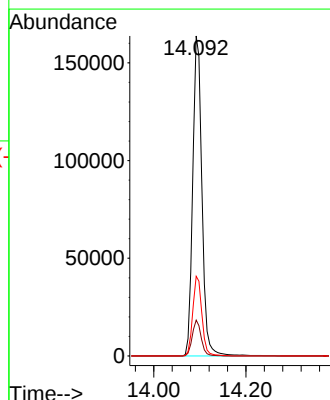
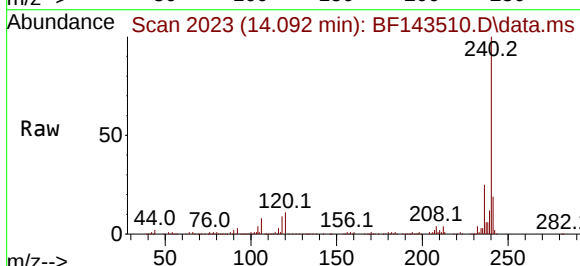
Tgt Ion:240 Resp: 226901

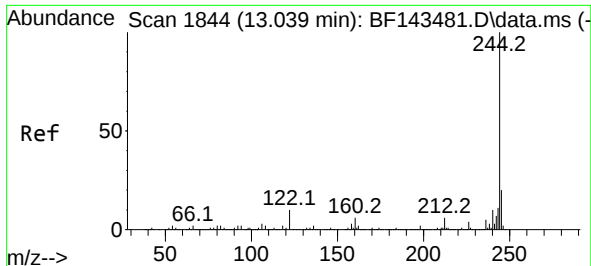
Ion Ratio Lower Upper

240 100

120 11.2 8.6 12.8

236 24.9 20.4 30.6

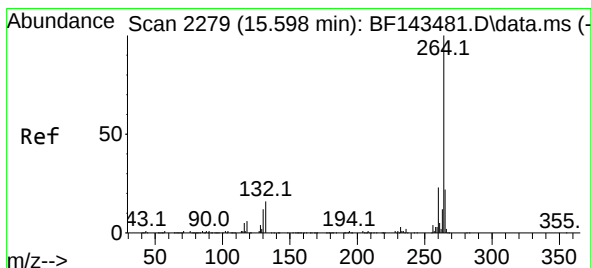
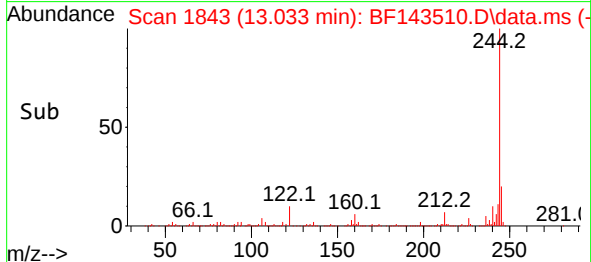
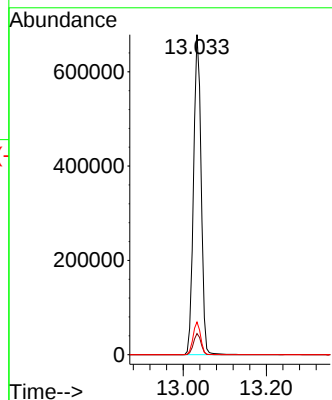
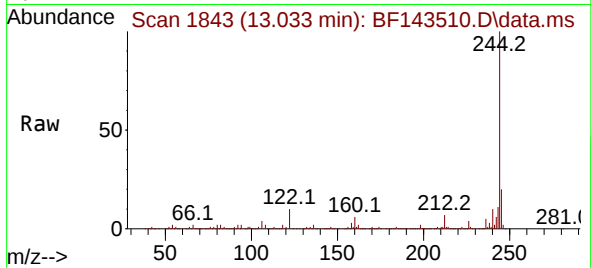




#79
 Terphenyl-d14
 Concen: 65.933 ng
 RT: 13.033 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF143510.D
 Acq: 21 Aug 2025 03:52

Instrument :
 BNA_F
 ClientSampleId :
 3-FLOOR-NORTH-D

Tgt Ion:244 Resp: 857307
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.2 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: BF143510.D
 Acq: 21 Aug 2025 03:52

Tgt Ion:264 Resp: 273462
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.6 17.6 26.4

