

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
 Data File : BF143576.D
 Acq On : 22 Aug 2025 16:53
 Operator : RC/JU
 Sample : Q2903-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16B-081925

Quant Time: Aug 22 17:13:19 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	94313	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	372419	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	224179	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	393667	20.000	ng	0.00
76) Chrysene-d12	14.092	240	213541	20.000	ng	-0.01
86) Perylene-d12	15.592	264	186593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	399366	73.941	ng	0.00
7) Phenol-d6	6.557	99	374847	56.221	ng	-0.02
23) Nitrobenzene-d5	7.487	82	634238	99.380	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	298951	143.260	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1145152	84.422	ng	0.00
79) Terphenyl-d14	13.033	244	1210694	98.937	ng	0.00

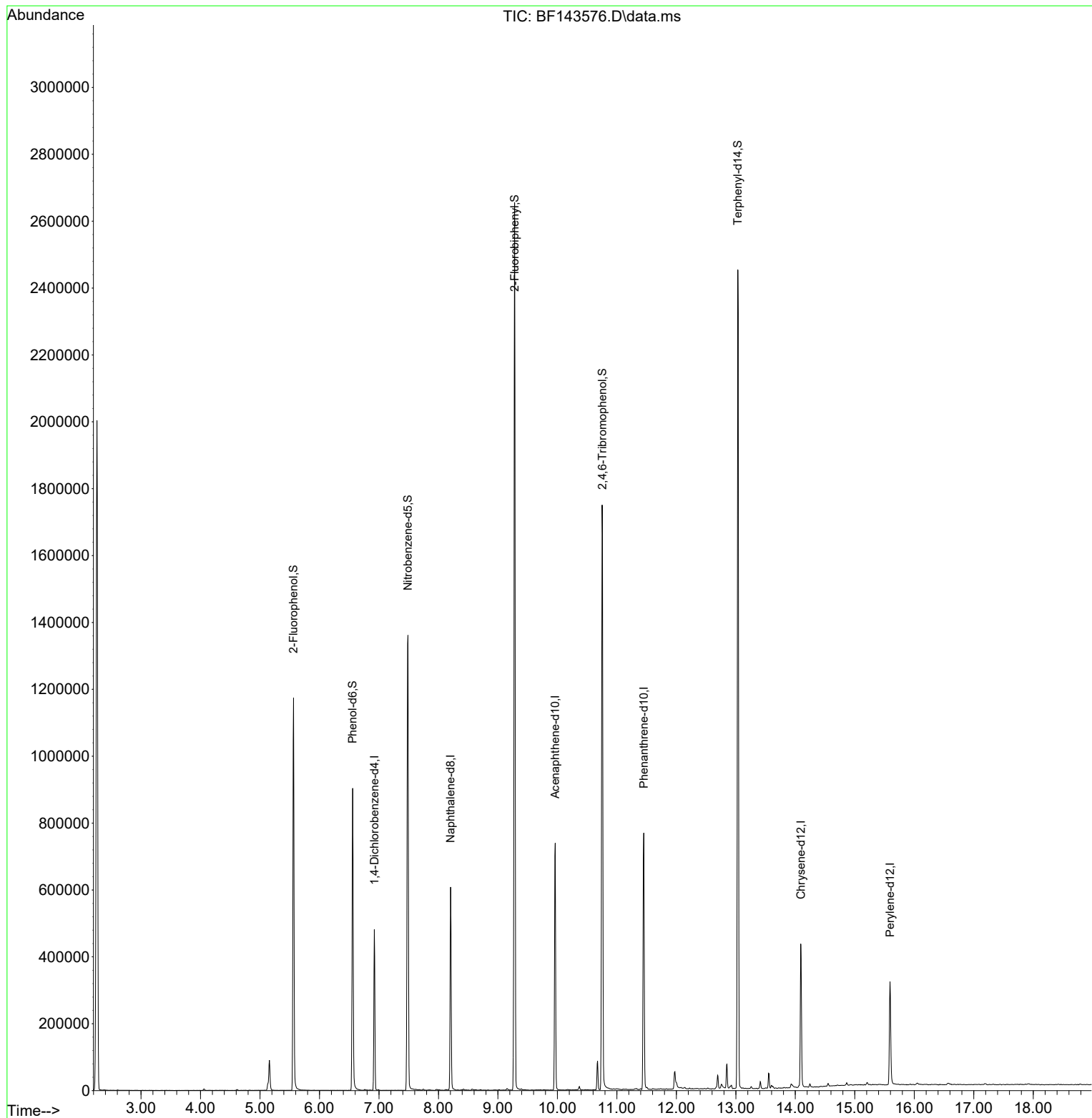
Target Compounds	Qvalue

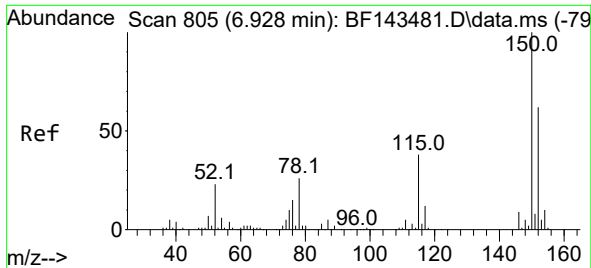
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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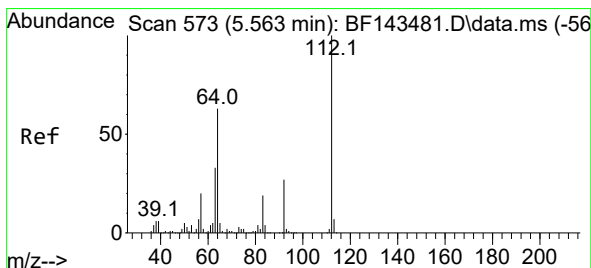
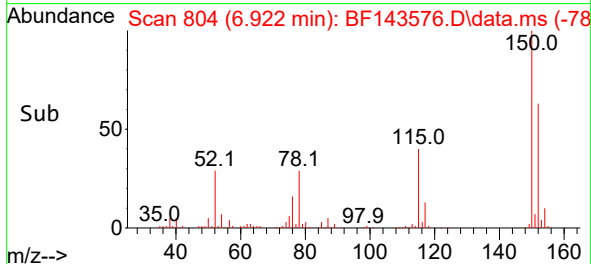
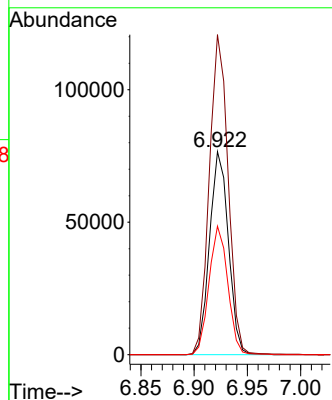
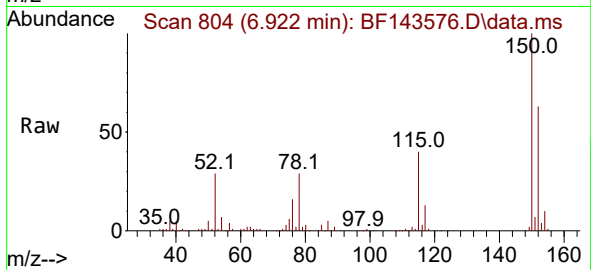




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF143576.D
Acq: 22 Aug 2025 16:53

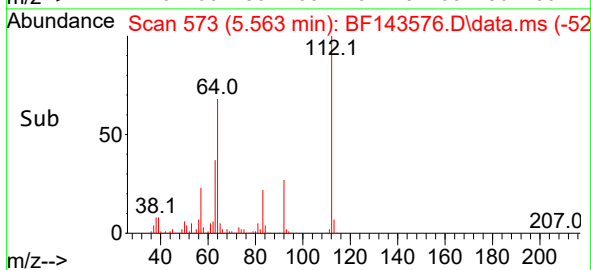
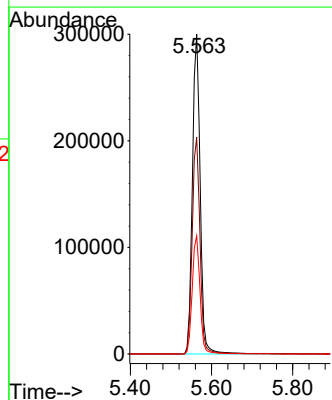
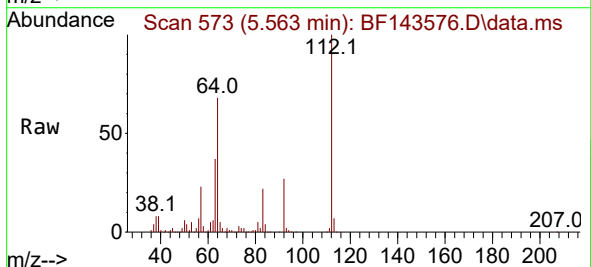
Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

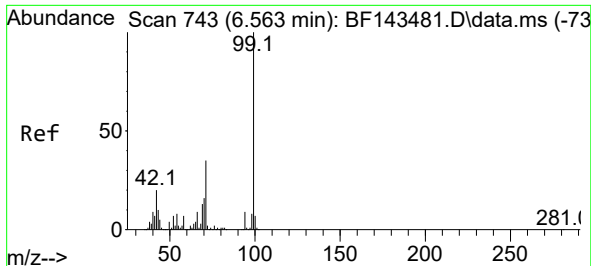
Tgt Ion:152 Resp: 94313
Ion Ratio Lower Upper
152 100
150 157.6 128.9 193.3
115 63.3 49.2 73.8



#5
2-Fluorophenol
Concen: 73.941 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143576.D
Acq: 22 Aug 2025 16:53

Tgt Ion:112 Resp: 399366
Ion Ratio Lower Upper
112 100
64 67.7 50.4 75.6
63 36.9 26.4 39.6

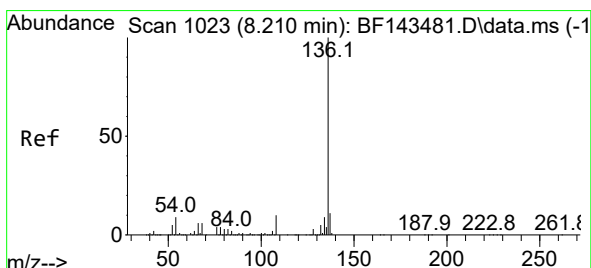
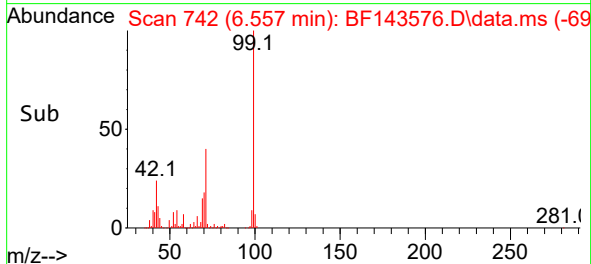
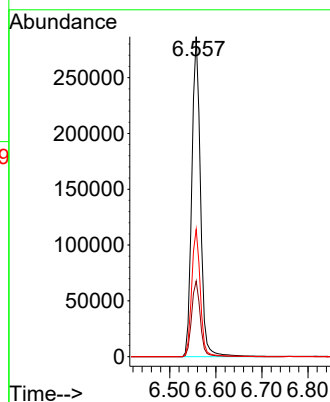
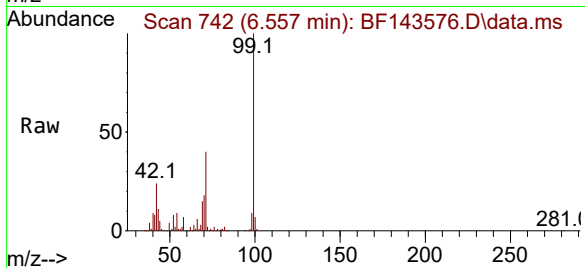




#7
Phenol-d6
Concen: 56.221 ng
RT: 6.557 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF143576.D
Acq: 22 Aug 2025 16:53

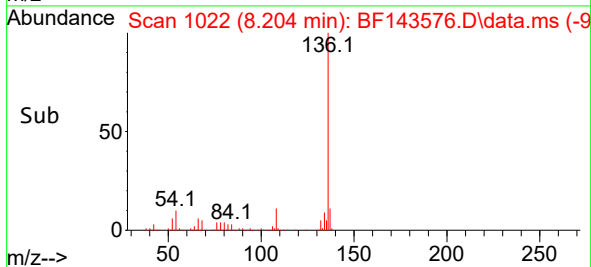
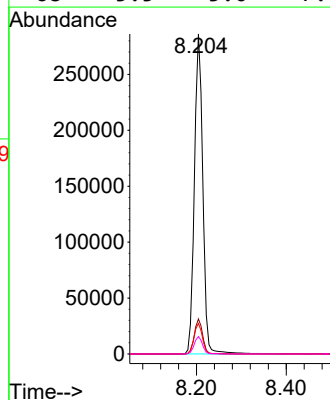
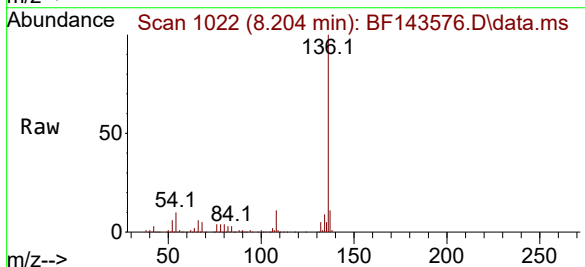
Instrument :
BNA_F
ClientSampleId :
MW-16B-081925

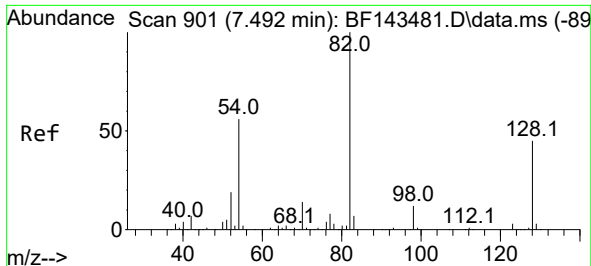
Tgt Ion: 99 Resp: 374847
Ion Ratio Lower Upper
99 100
42 23.6 16.3 24.5
71 39.8 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143576.D
Acq: 22 Aug 2025 16:53

Tgt Ion: 136 Resp: 372419
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.6 7.4 11.2
68 5.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 99.380 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143576.D

Acq: 22 Aug 2025 16:53

Instrument :

BNA_F

ClientSampleId :

MW-16B-081925

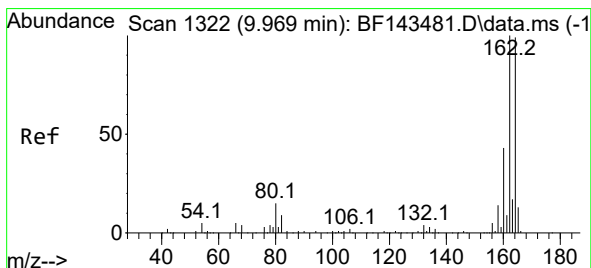
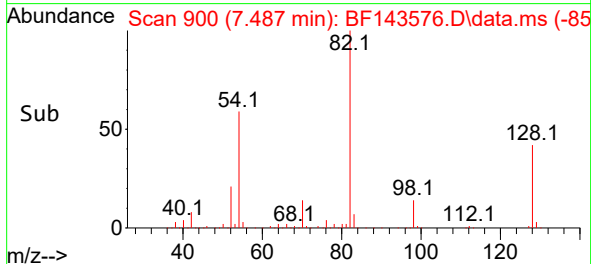
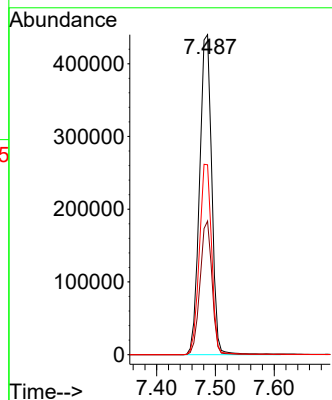
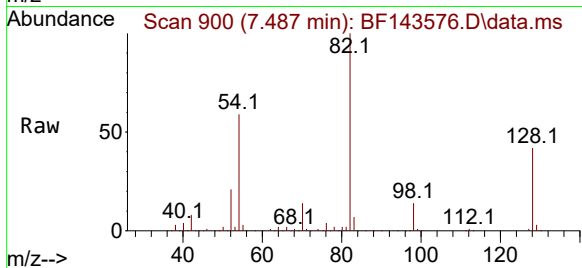
Tgt Ion: 82 Resp: 634238

Ion Ratio Lower Upper

82 100

128 41.8 35.5 53.3

54 59.3 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: BF143576.D

Acq: 22 Aug 2025 16:53

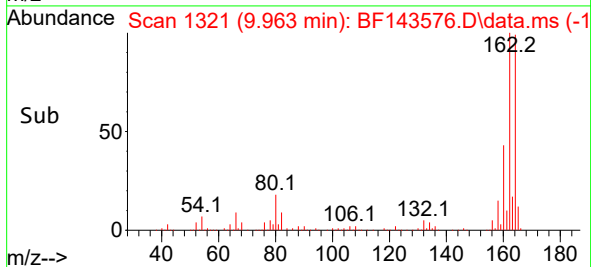
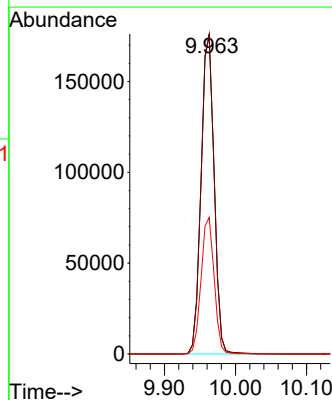
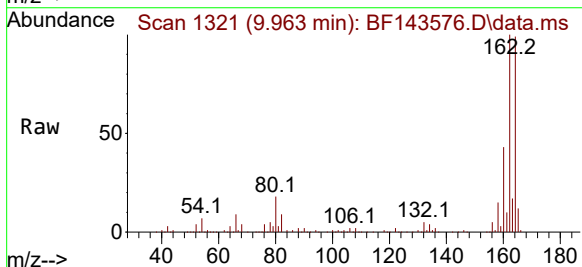
Tgt Ion:164 Resp: 224179

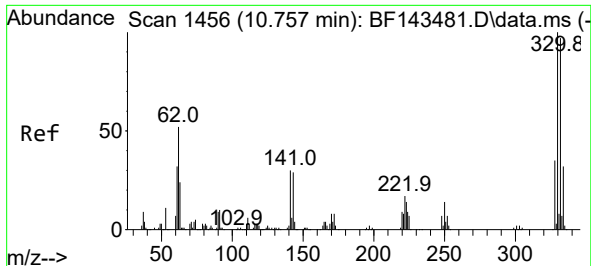
Ion Ratio Lower Upper

164 100

162 100.5 80.5 120.7

160 42.9 34.3 51.5

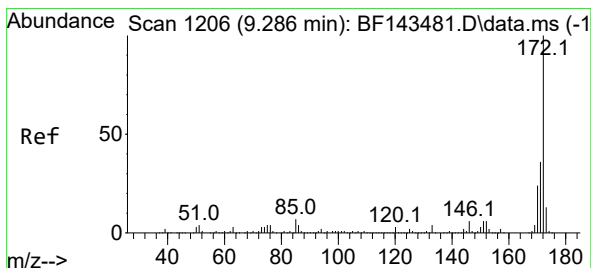
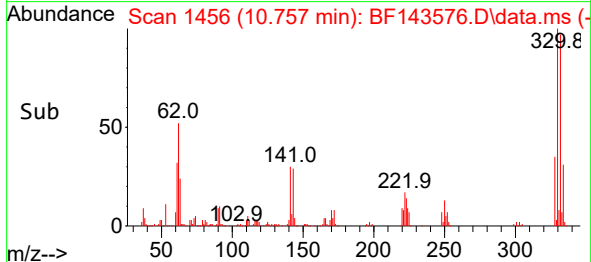
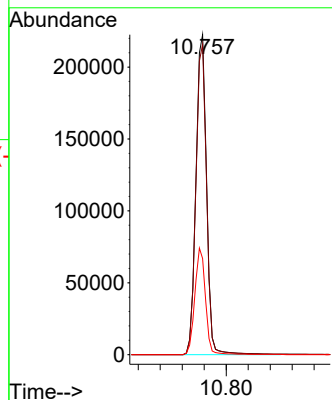
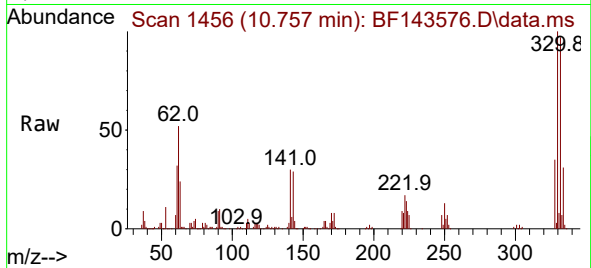




#42
2,4,6-Tribromophenol
Concen: 143.260 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143576.D
Acq: 22 Aug 2025 16:53

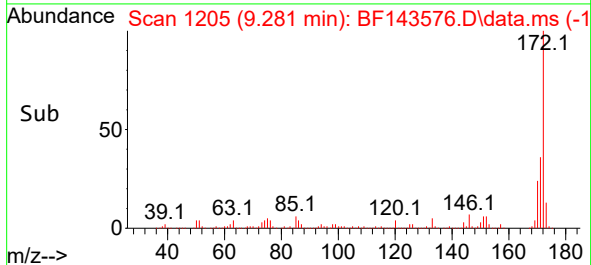
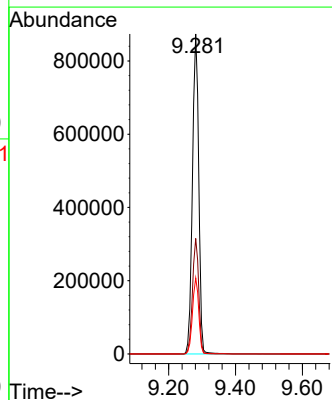
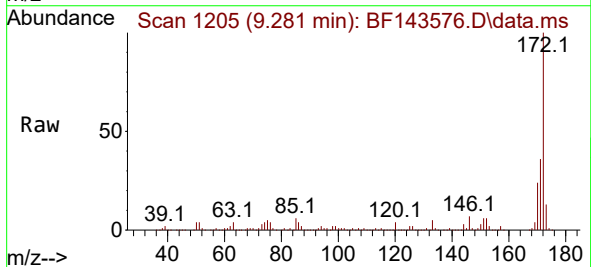
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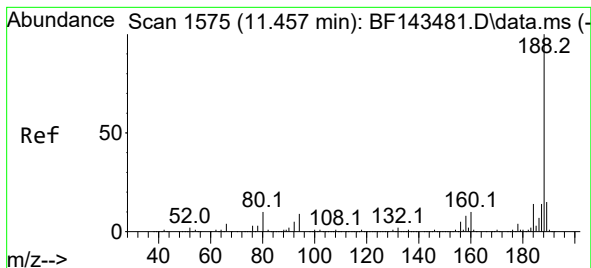
Tgt Ion:330 Resp: 298951
Ion Ratio Lower Upper
330 100
332 97.6 78.0 117.0
141 33.6 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 84.422 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143576.D
Acq: 22 Aug 2025 16:53

Tgt Ion:172 Resp: 1145152
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.8 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: BF143576.D

Acq: 22 Aug 2025 16:53

Instrument :

BNA_F

ClientSampleId :

MW-16B-081925

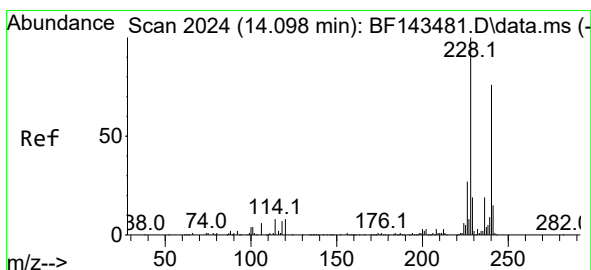
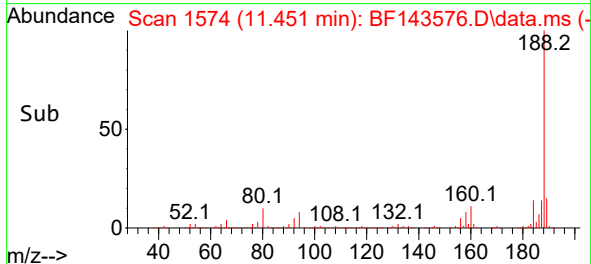
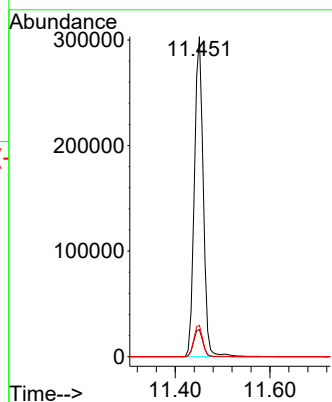
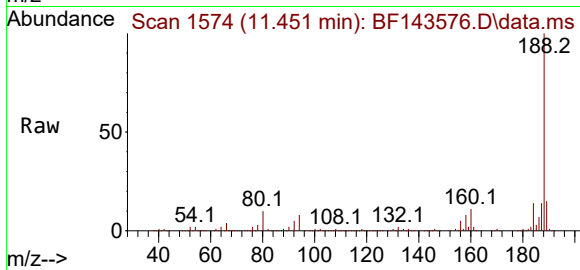
Tgt Ion:188 Resp: 393667

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

80 9.8 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: BF143576.D

Acq: 22 Aug 2025 16:53

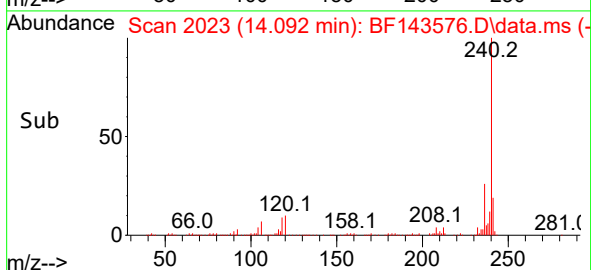
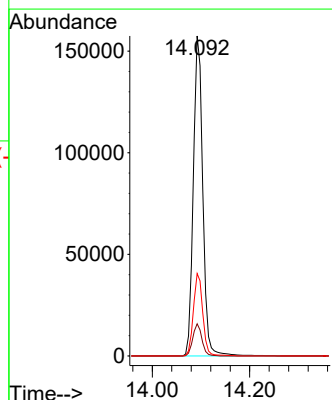
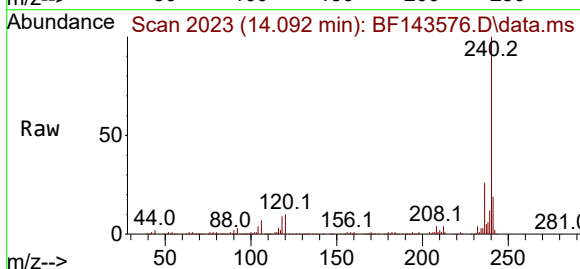
Tgt Ion:240 Resp: 213541

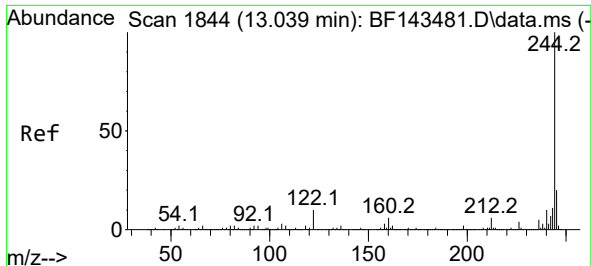
Ion Ratio Lower Upper

240 100

120 10.1 8.6 12.8

236 25.7 20.4 30.6

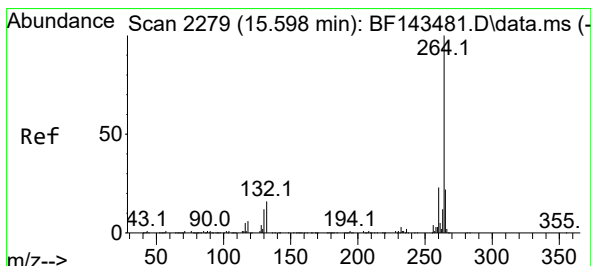
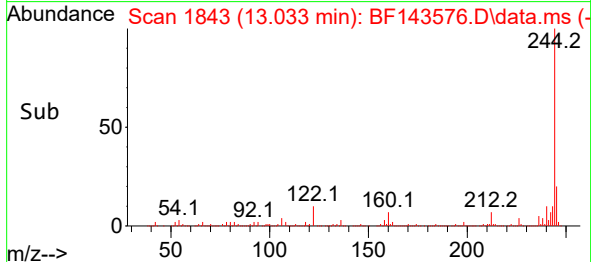
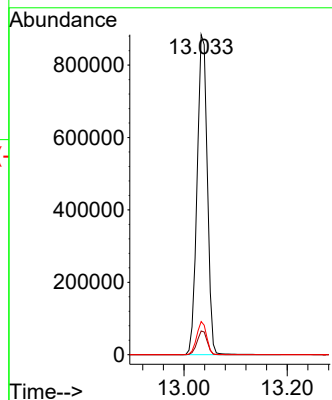
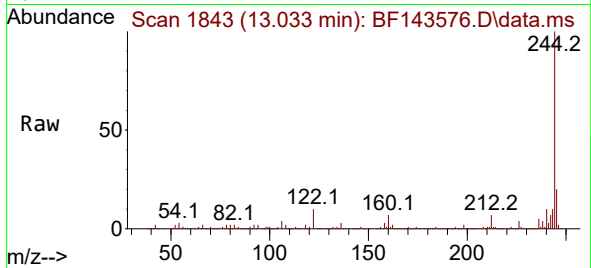




#79
 Terphenyl-d14
 Concen: 98.937 ng
 RT: 13.033 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF143576.D
 Acq: 22 Aug 2025 16:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-16B-081925

Tgt Ion:244 Resp: 1210694
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.2 7.8
 122 10.4 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: BF143576.D
 Acq: 22 Aug 2025 16:53

Tgt Ion:264 Resp: 186593
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 21.1 17.6 26.4

