

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143403.D
 Acq On : 15 Aug 2025 05:52
 Operator : RC/JU
 Sample : Q2815-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-705R-S

Quant Time: Aug 15 07:48:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	139694	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	534216	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	279286	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	394740	20.000	ng	0.00
76) Chrysene-d12	14.098	240	244401	20.000	ng	0.00
86) Perylene-d12	15.592	264	317027	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	90828	11.244	ng	0.00
7) Phenol-d6	6.557	99	145982	14.092	ng	0.00
23) Nitrobenzene-d5	7.487	82	200671	23.392	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	34041	16.678	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	405033	24.593	ng	0.00
79) Terphenyl-d14	13.033	244	307440	22.458	ng	0.00

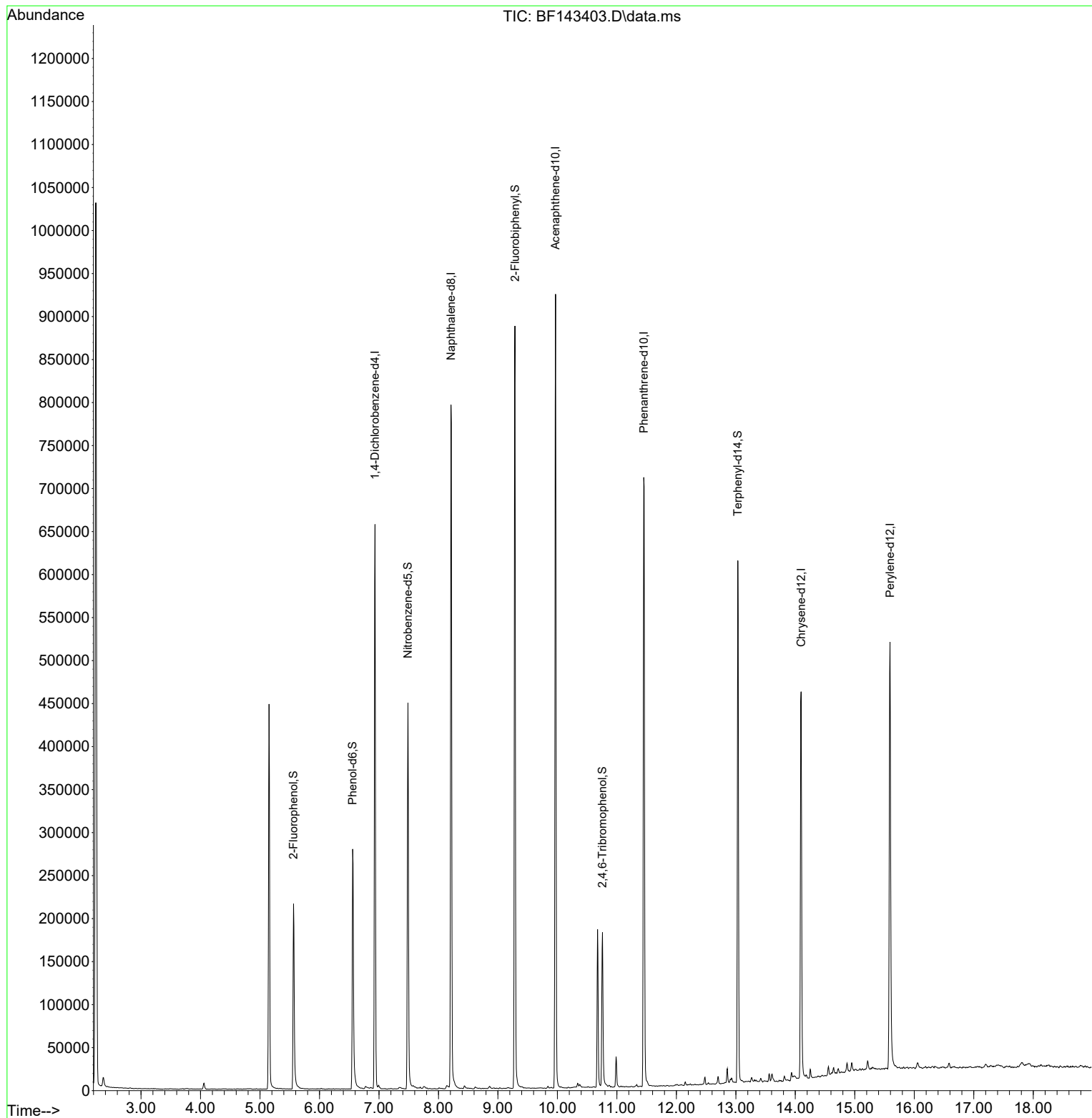
Target Compounds	Qvalue

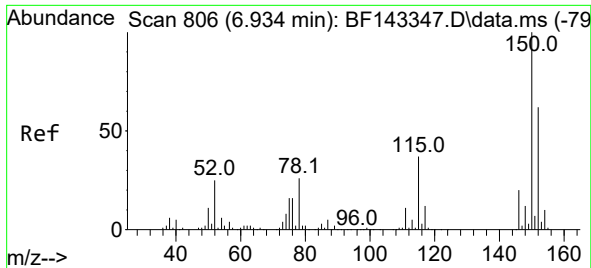
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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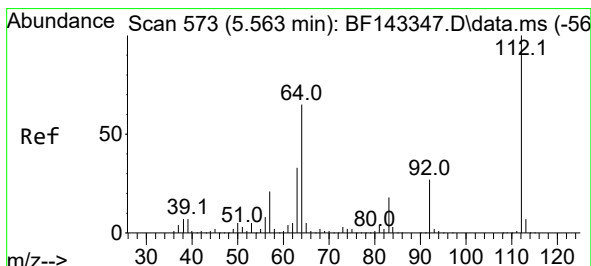
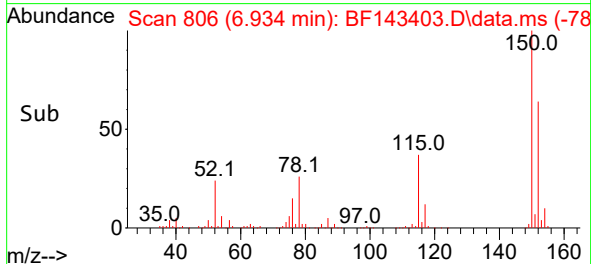
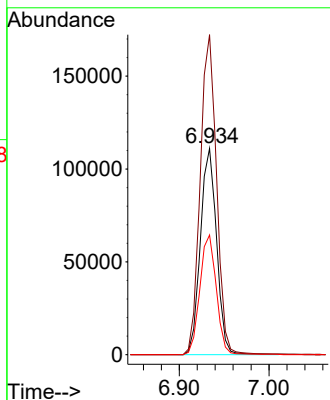
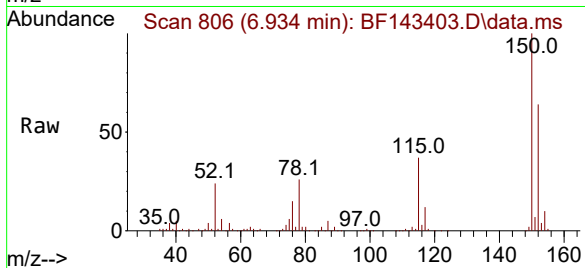




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF143403.D
Acq: 15 Aug 2025 05:52

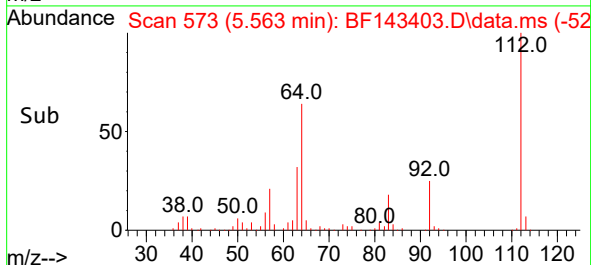
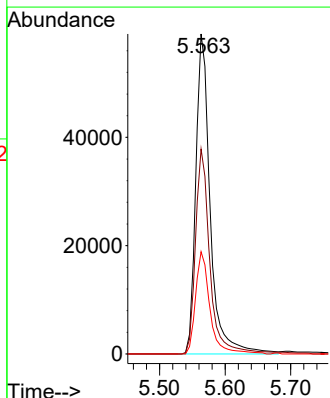
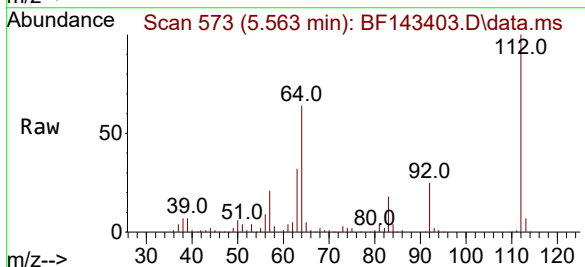
Instrument :
BNA_F
ClientSampleId :
TW-705R-S

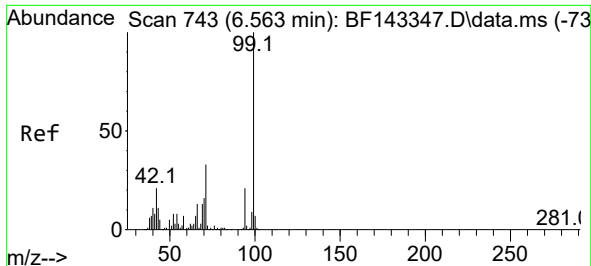
Tgt Ion:152 Resp: 139694
Ion Ratio Lower Upper
152 100
150 155.1 129.8 194.8
115 58.1 47.8 71.8



#5
2-Fluorophenol
Concen: 11.244 ng
RT: 5.563 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF143403.D
Acq: 15 Aug 2025 05:52

Tgt Ion:112 Resp: 90828
Ion Ratio Lower Upper
112 100
64 64.0 52.1 78.1
63 31.9 26.6 39.8

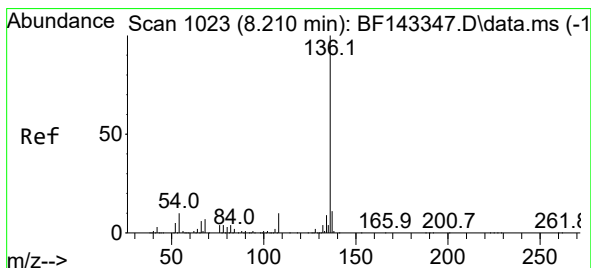
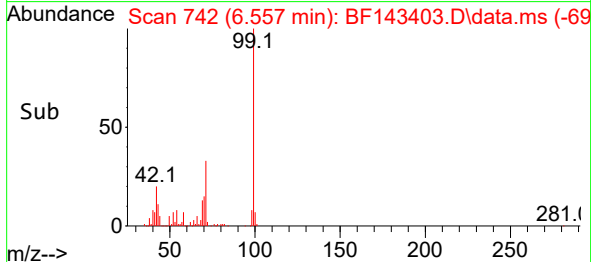
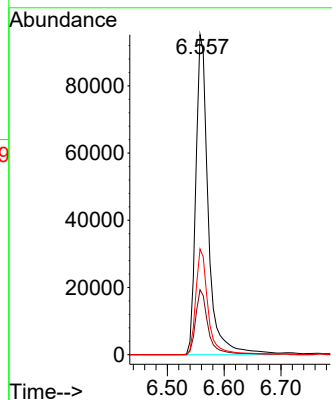
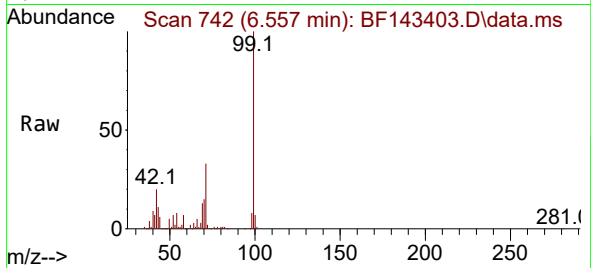




#7
Phenol-d6
Concen: 14.092 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF143403.D
Acq: 15 Aug 2025 05:52

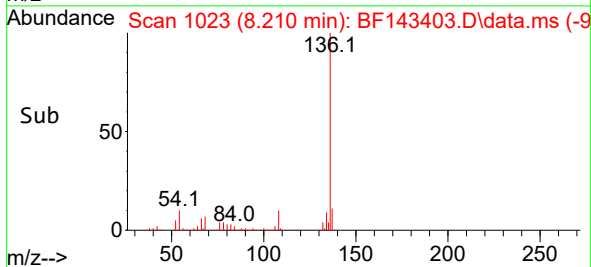
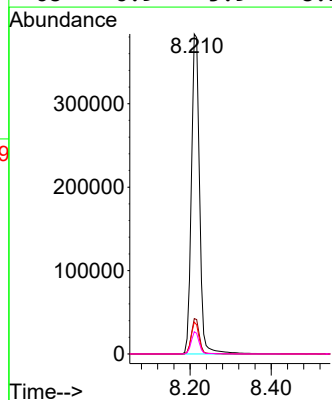
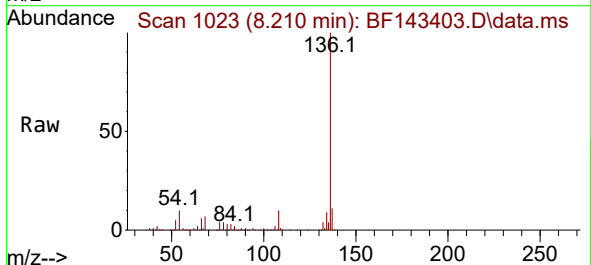
Instrument :
BNA_F
ClientSampleId :
TW-705R-S

Tgt Ion: 99 Resp: 145982
Ion Ratio Lower Upper
99 100
42 20.3 16.6 25.0
71 33.0 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143403.D
Acq: 15 Aug 2025 05:52

Tgt Ion: 136 Resp: 534216
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.9 8.4 12.6
68 6.9 5.9 8.9





#23

Nitrobenzene-d5

Concen: 23.392 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF143403.D

Acq: 15 Aug 2025 05:52

Instrument :

BNA_F

ClientSampleId :

TW-705R-S

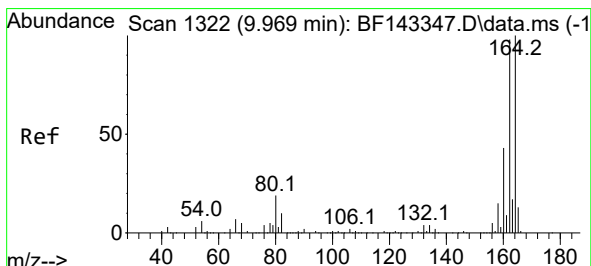
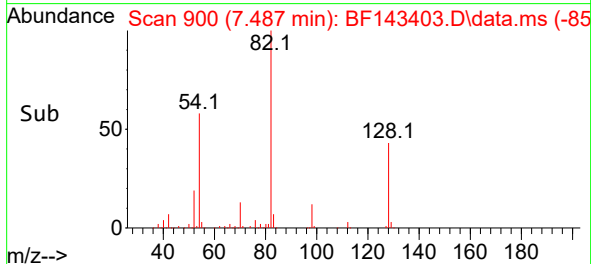
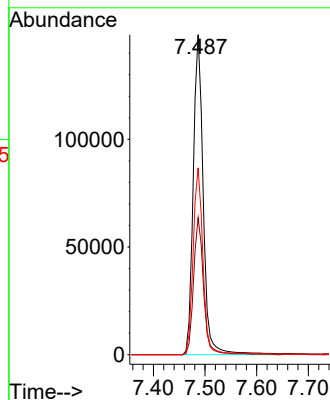
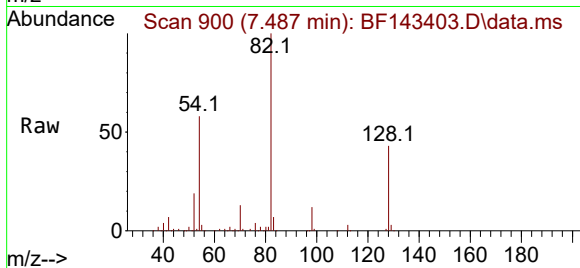
Tgt Ion: 82 Resp: 200671

Ion Ratio Lower Upper

82 100

128 42.8 33.5 50.3

54 58.4 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF143403.D

Acq: 15 Aug 2025 05:52

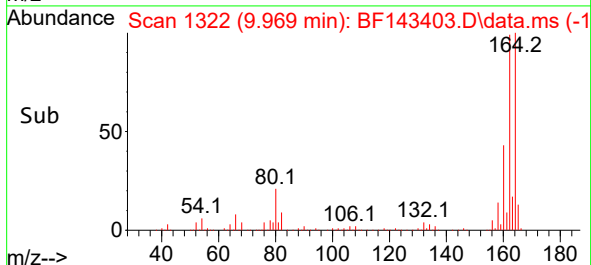
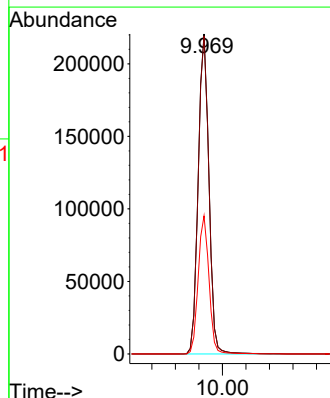
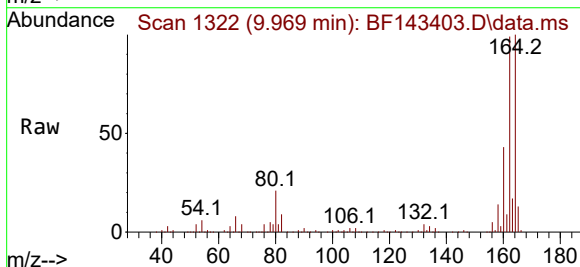
Tgt Ion:164 Resp: 279286

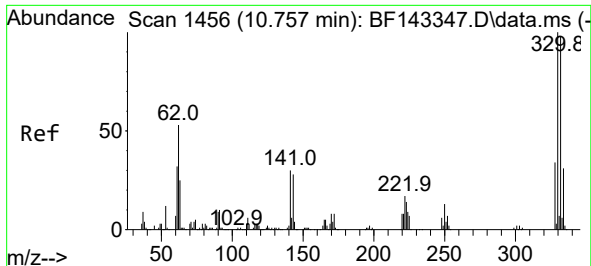
Ion Ratio Lower Upper

164 100

162 99.4 78.6 118.0

160 43.2 34.4 51.6

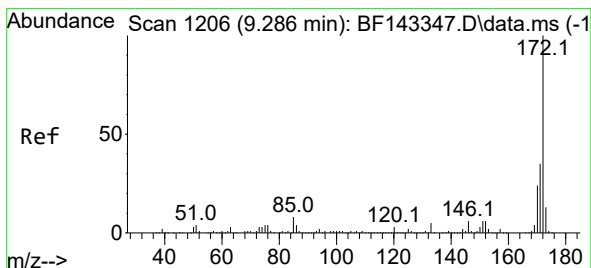
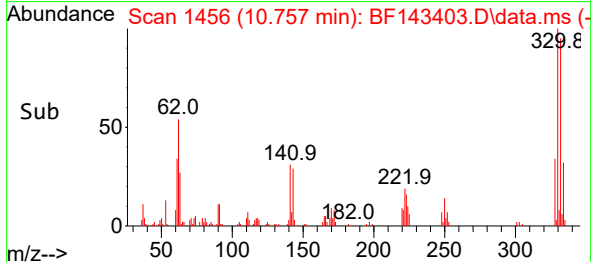
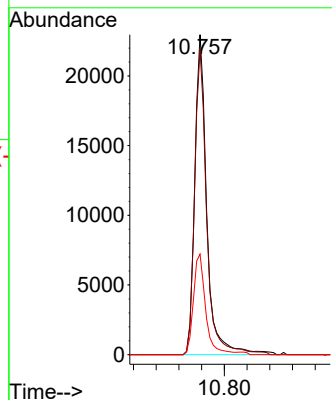
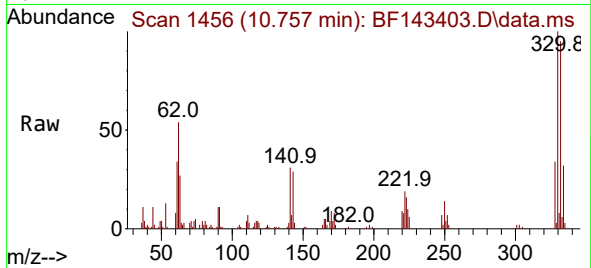




#42
 2,4,6-Tribromophenol
 Concen: 16.678 ng
 RT: 10.757 min Scan# 1456
 Delta R.T. 0.000 min
 Lab File: BF143403.D
 Acq: 15 Aug 2025 05:52

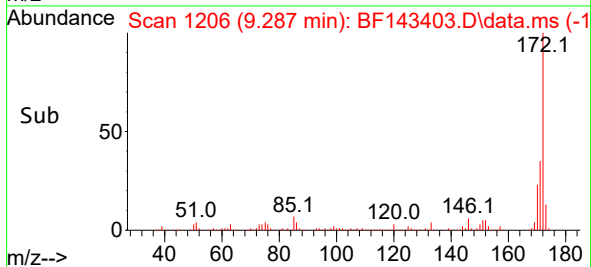
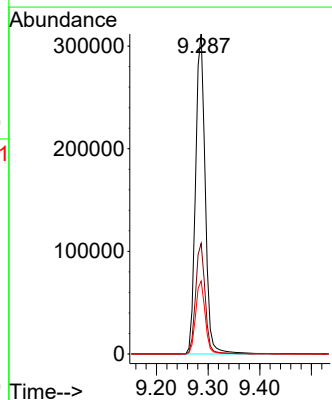
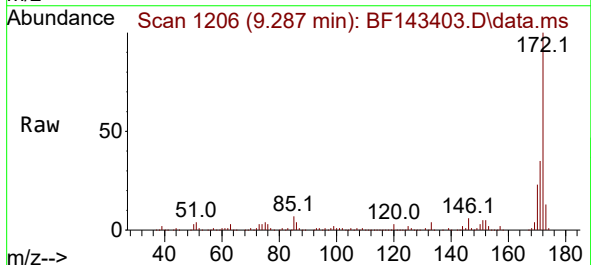
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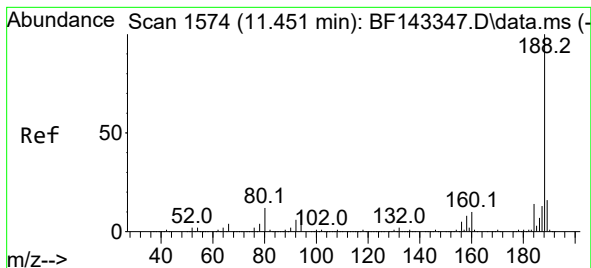
Tgt Ion: 330 Resp: 34041
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.1 117.1
 141 31.8 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 24.593 ng
 RT: 9.287 min Scan# 1206
 Delta R.T. 0.000 min
 Lab File: BF143403.D
 Acq: 15 Aug 2025 05:52

Tgt Ion: 172 Resp: 405033
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.4 42.6
 170 22.8 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143403.D

Acq: 15 Aug 2025 05:52

Instrument :

BNA_F

ClientSampleId :

TW-705R-S

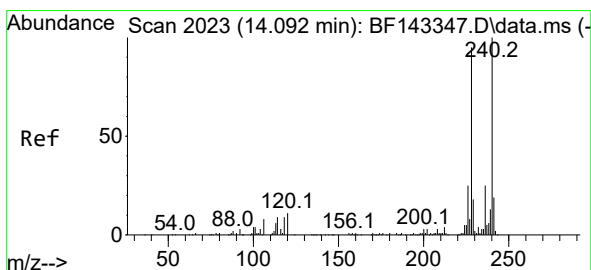
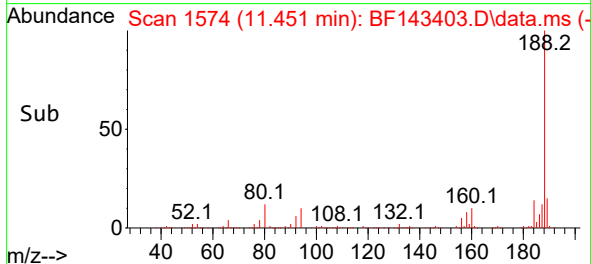
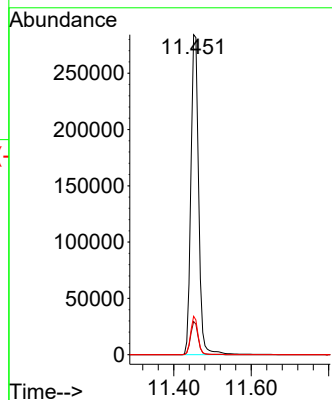
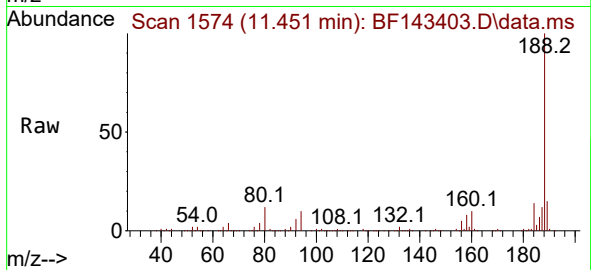
Tgt Ion:188 Resp: 394740

Ion Ratio Lower Upper

188 100

94 10.4 8.8 13.2

80 12.0 9.7 14.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.006 min

Lab File: BF143403.D

Acq: 15 Aug 2025 05:52

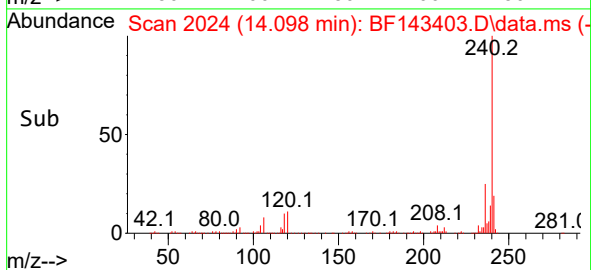
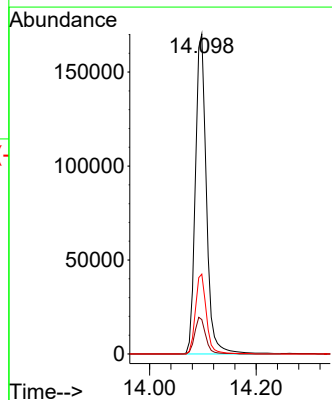
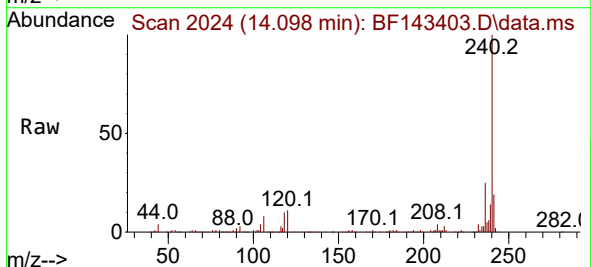
Tgt Ion:240 Resp: 244401

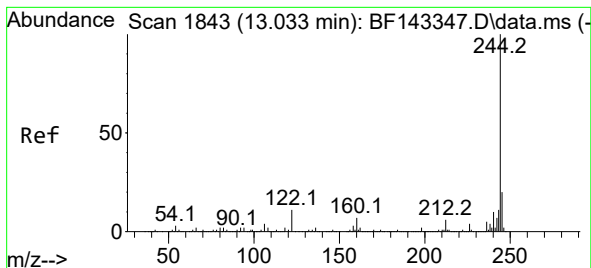
Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.6

236 25.0 19.9 29.9





#79

Terphenyl-d14

Concen: 22.458 ng

RT: 13.033 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143403.D

Acq: 15 Aug 2025 05:52

Instrument :

BNA_F

ClientSampleId :

TW-705R-S

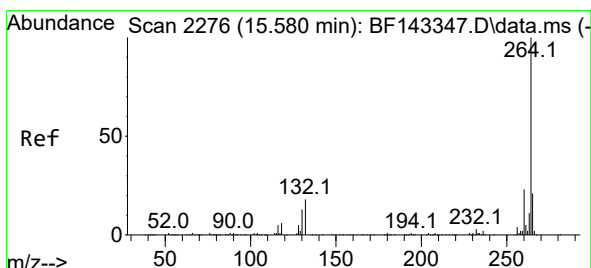
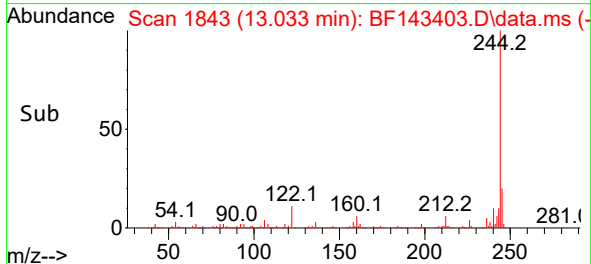
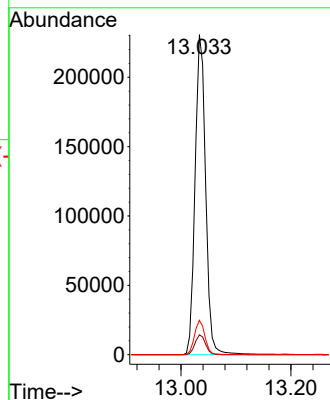
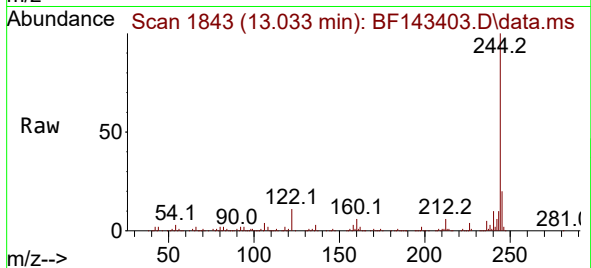
Tgt Ion:244 Resp: 307440

Ion Ratio Lower Upper

244 100

212 6.2 5.1 7.7

122 10.8 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2278

Delta R.T. 0.012 min

Lab File: BF143403.D

Acq: 15 Aug 2025 05:52

Tgt Ion:264 Resp: 317027

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.6 17.2 25.8

