

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
 Data File : BF143538.D
 Acq On : 21 Aug 2025 19:03
 Operator : RC/JU
 Sample : Q2819-04RE
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22BP-SRE

Quant Time: Aug 22 01:02:05 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	6.928	152	111164	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	413757	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	203054	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	265665	20.000	ng	0.00
76) Chrysene-d12	14.092	240	226574	20.000	ng	-0.01
86) Perylene-d12	15.592	264	247509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	413838	65.006	ng	0.00
7) Phenol-d6	6.557	99	516879	65.771	ng	-0.02
23) Nitrobenzene-d5	7.481	82	332143	46.844	ng	-0.02
42) 2,4,6-Tribromophenol	10.751	330	106892	56.553	ng	-0.01
45) 2-Fluorobiphenyl	9.281	172	590027	48.023	ng	0.00
79) Terphenyl-d14	13.033	244	419964	32.345	ng	0.00

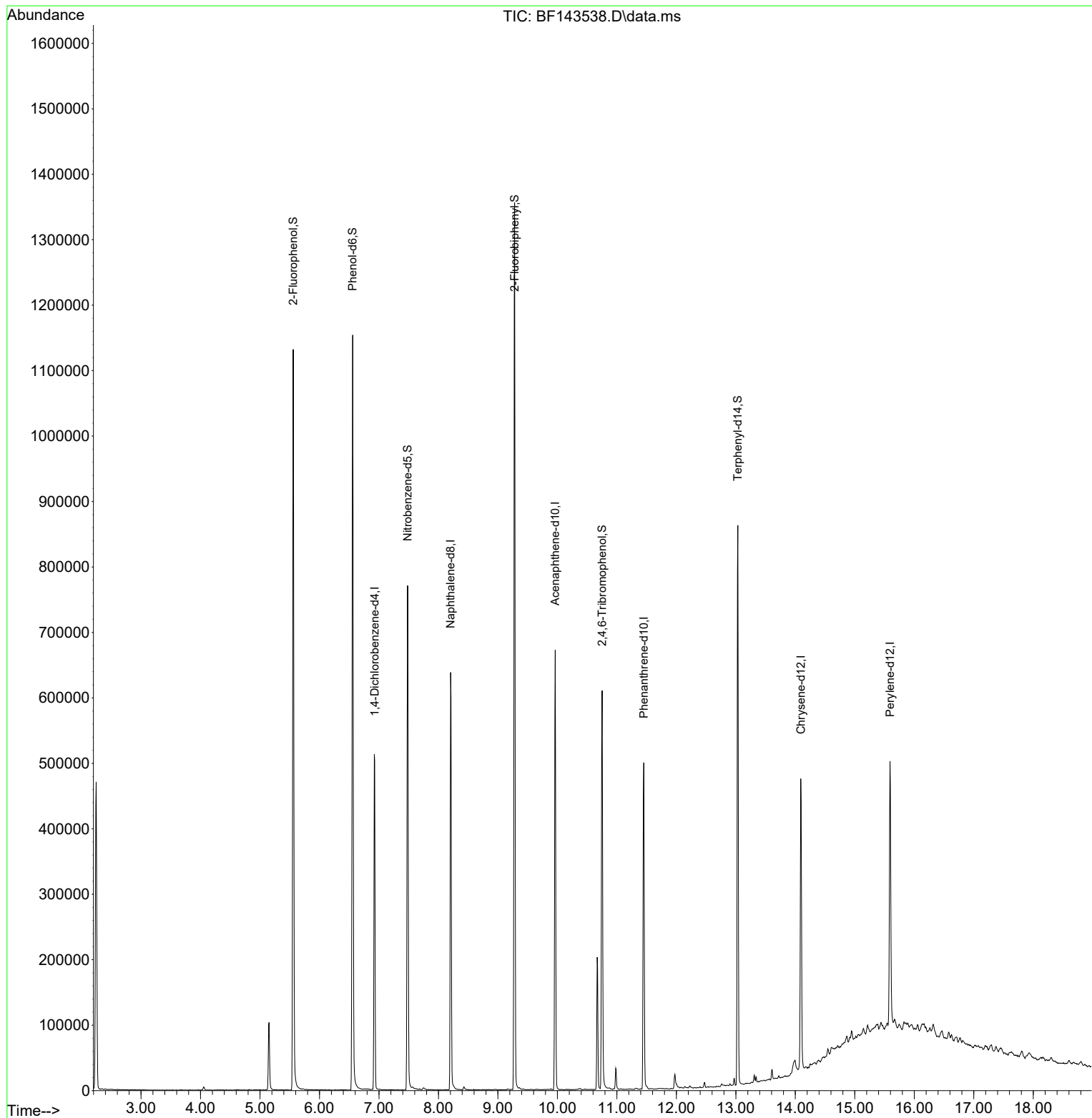
Target Compounds	Qvalue

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

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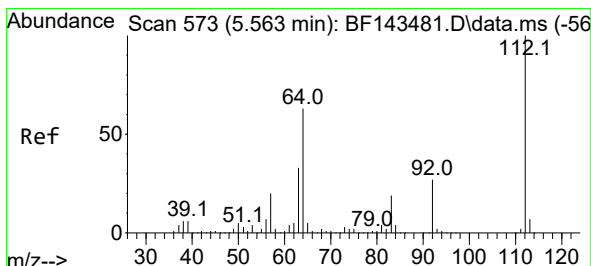
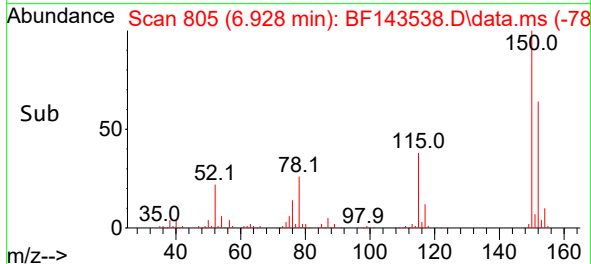
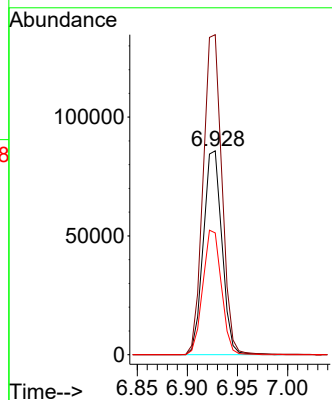
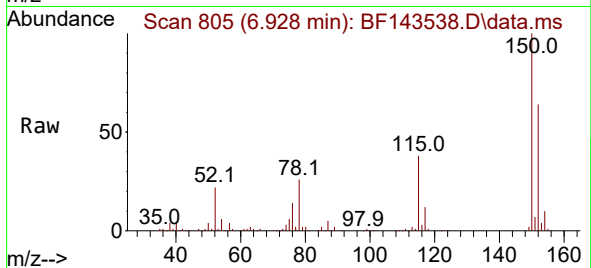




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143538.D
 Acq: 21 Aug 2025 19:03

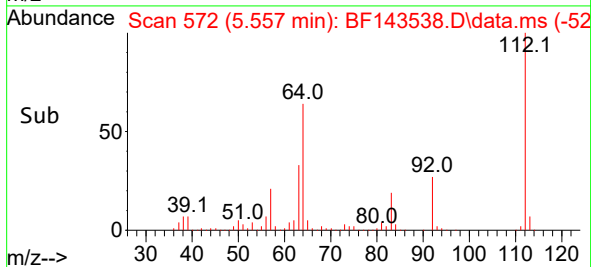
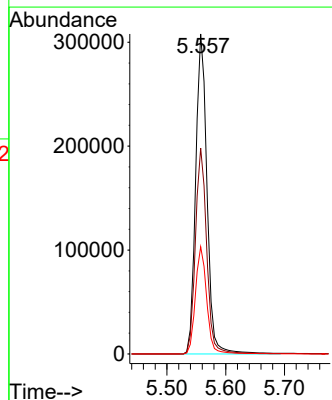
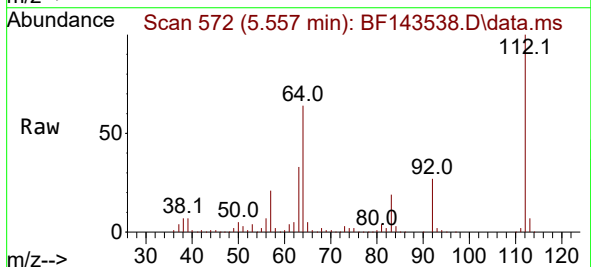
Instrument :
 BNA_F
 ClientSampleId :
 22BP-SRE

Tgt Ion:152 Resp: 111164
 Ion Ratio Lower Upper
 152 100
 150 156.9 128.9 193.3
 115 59.7 49.2 73.8



#5
 2-Fluorophenol
 Concen: 65.006 ng
 RT: 5.557 min Scan# 572
 Delta R.T. -0.006 min
 Lab File: BF143538.D
 Acq: 21 Aug 2025 19:03

Tgt Ion:112 Resp: 413838
 Ion Ratio Lower Upper
 112 100
 64 64.4 50.4 75.6
 63 33.5 26.4 39.6

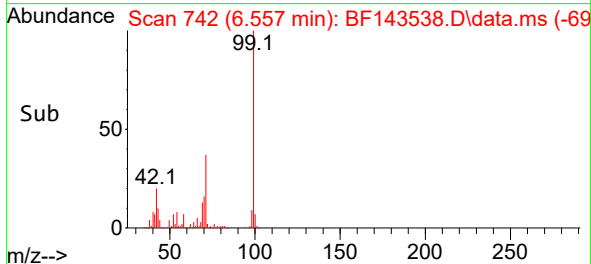
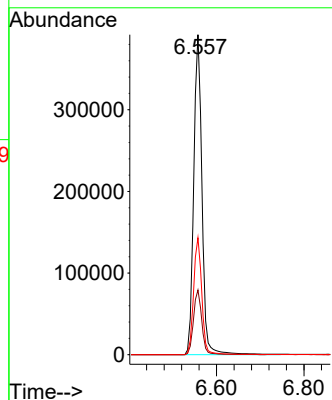
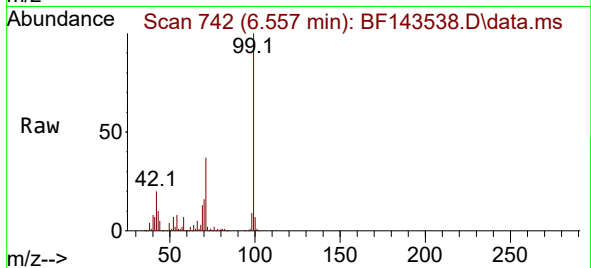




#7
Phenol-d6
Concen: 65.771 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143538.D
Acq: 21 Aug 2025 19:03

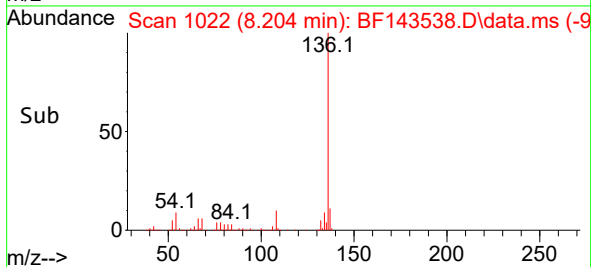
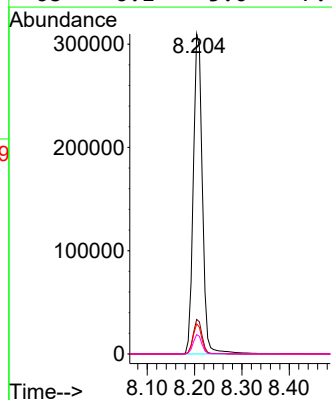
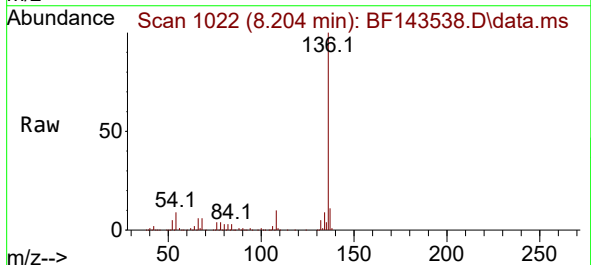
Instrument :
BNA_F
ClientSampleId :
22BP-SRE

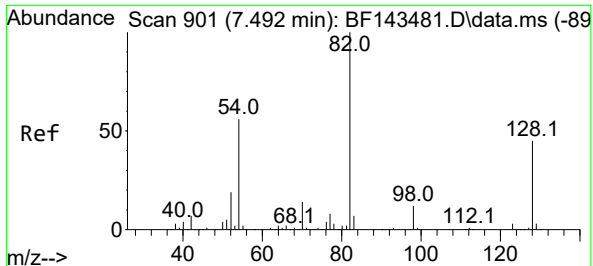
Tgt Ion: 99 Resp: 516879
Ion Ratio Lower Upper
99 100
42 20.2 16.3 24.5
71 36.6 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143538.D
Acq: 21 Aug 2025 19:03

Tgt Ion: 136 Resp: 413757
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 9.4 7.4 11.2
68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 46.844 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.018 min

Lab File: BF143538.D

Acq: 21 Aug 2025 19:03

Instrument :

BNA_F

ClientSampleId :

22BP-SRE

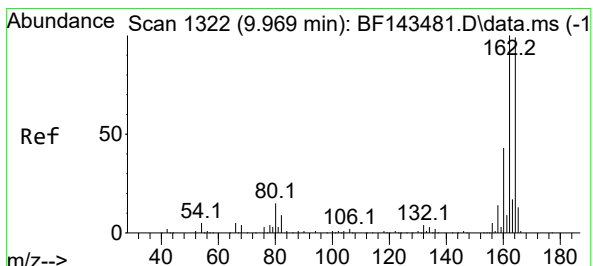
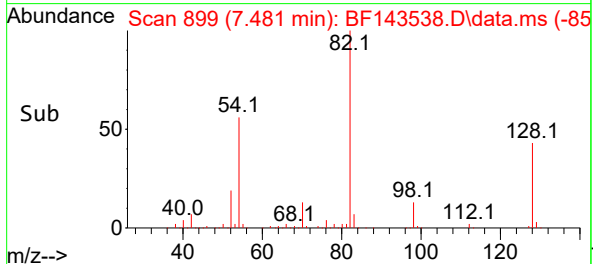
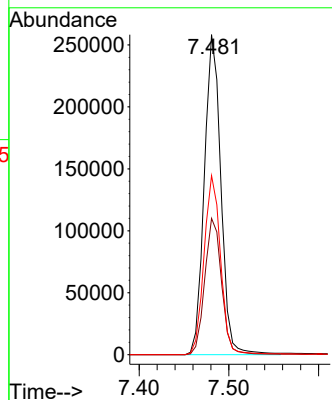
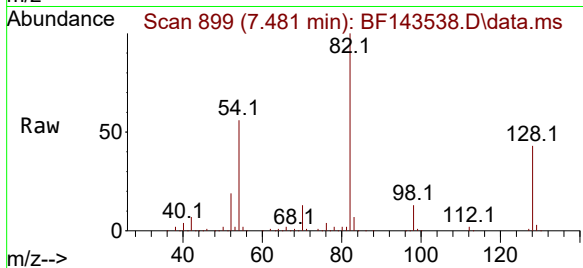
Tgt Ion: 82 Resp: 332143

Ion Ratio Lower Upper

82 100

128 42.6 35.5 53.3

54 56.0 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: BF143538.D

Acq: 21 Aug 2025 19:03

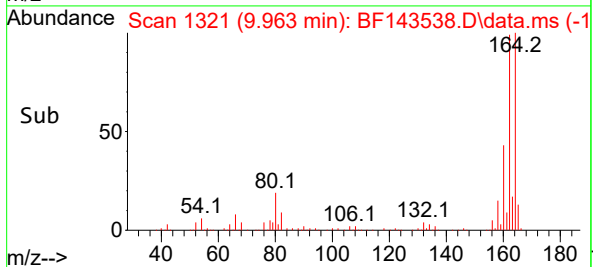
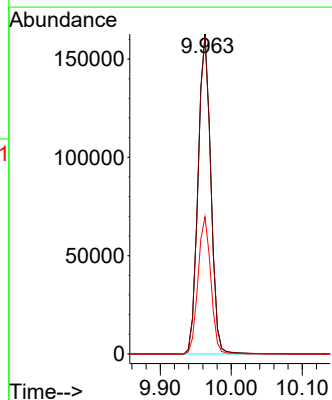
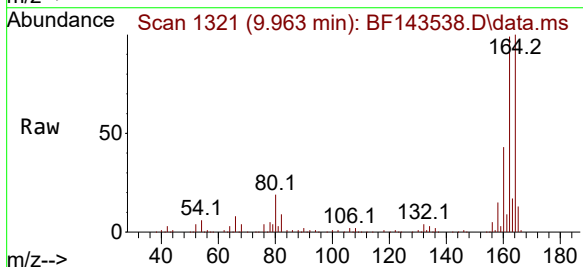
Tgt Ion:164 Resp: 203054

Ion Ratio Lower Upper

164 100

162 99.2 80.5 120.7

160 42.8 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 56.553 ng

RT: 10.751 min Scan# 1456

Delta R.T. -0.012 min

Lab File: BF143538.D

Acq: 21 Aug 2025 19:03

Instrument :

BNA_F

ClientSampleId :

22BP-SRE

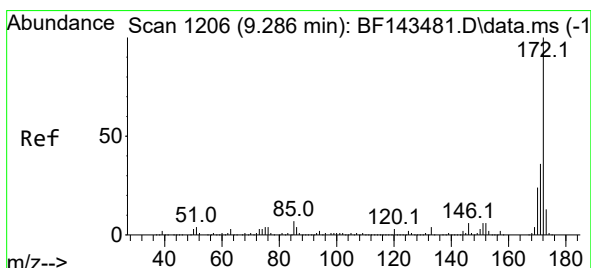
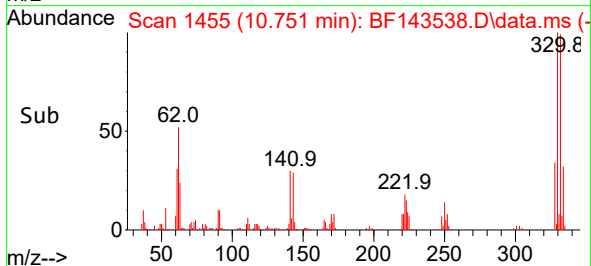
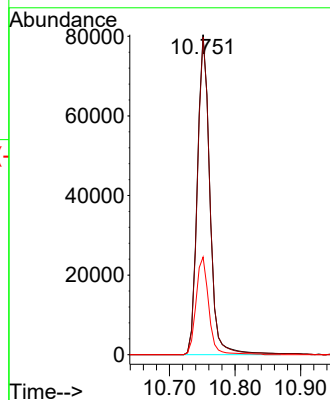
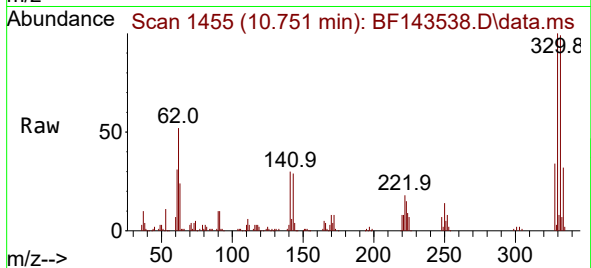
Tgt Ion:330 Resp: 106892

Ion Ratio Lower Upper

330 100

332 98.9 78.0 117.0

141 31.0 23.7 35.5



#45

2-Fluorobiphenyl

Concen: 48.023 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143538.D

Acq: 21 Aug 2025 19:03

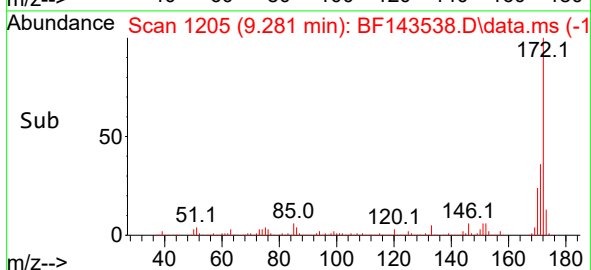
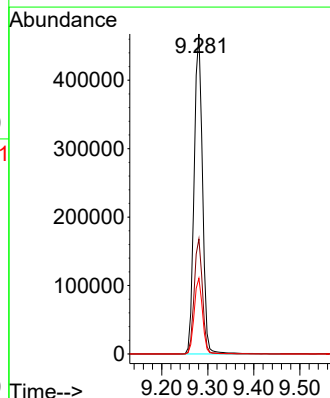
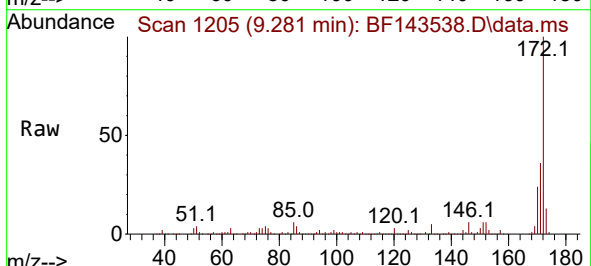
Tgt Ion:172 Resp: 590027

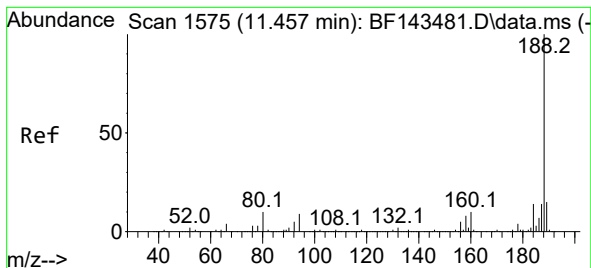
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.6 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143538.D

Acq: 21 Aug 2025 19:03

Instrument :

BNA_F

ClientSampleId :

22BP-SRE

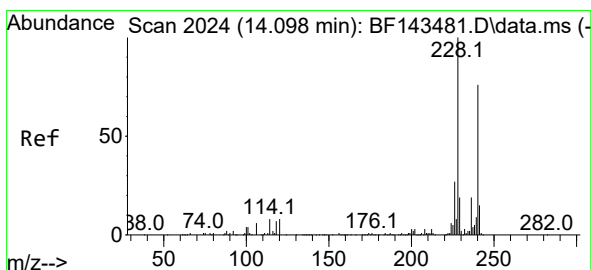
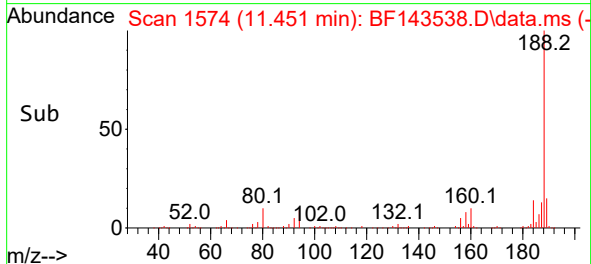
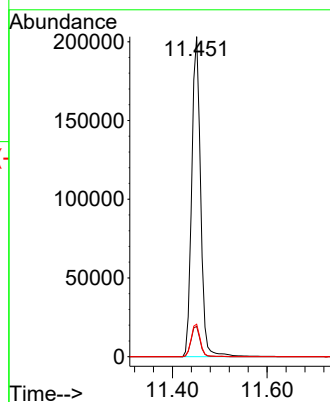
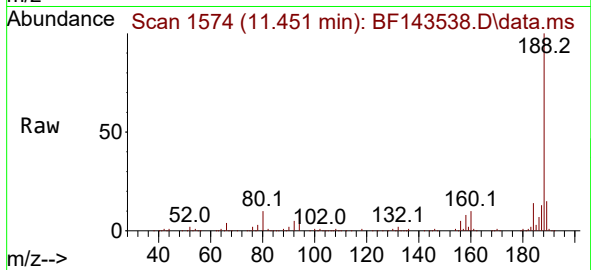
Tgt Ion:188 Resp: 265665

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.2 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: BF143538.D

Acq: 21 Aug 2025 19:03

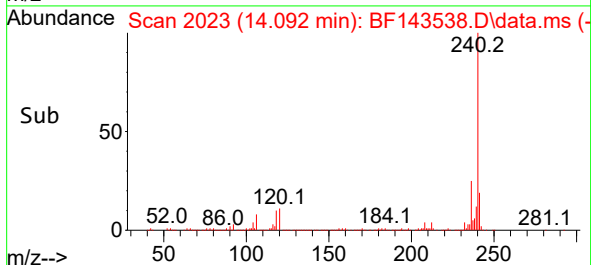
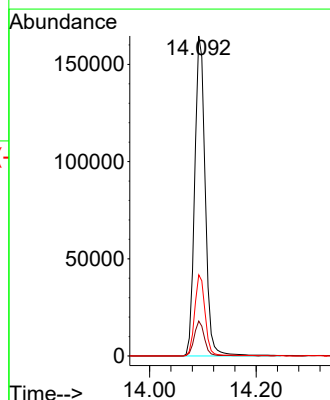
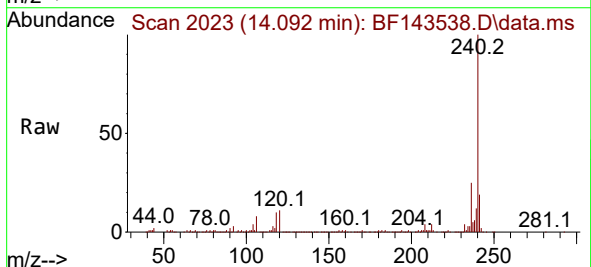
Tgt Ion:240 Resp: 226574

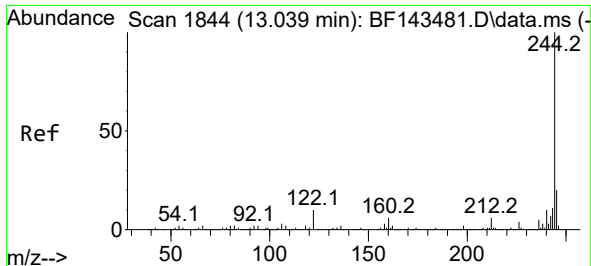
Ion Ratio Lower Upper

240 100

120 10.9 8.6 12.8

236 25.4 20.4 30.6

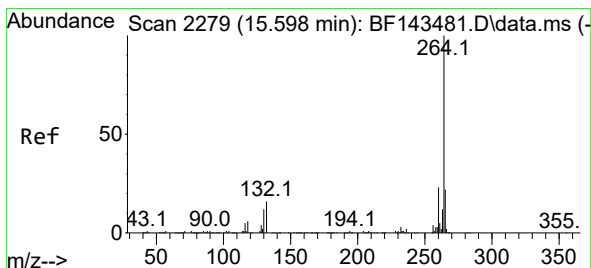
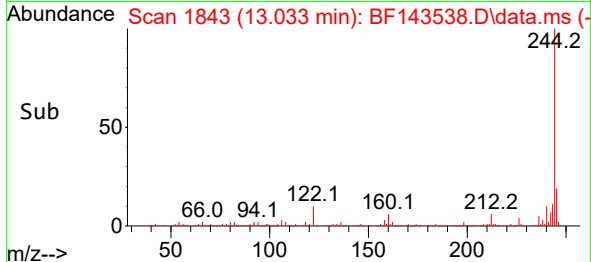
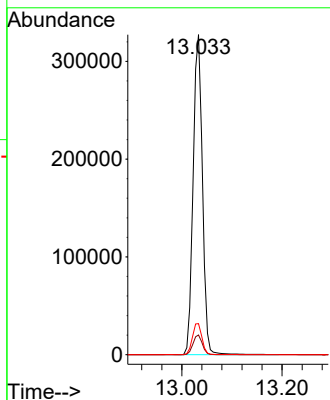
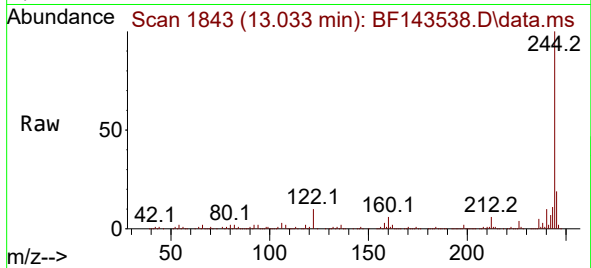




#79
 Terphenyl-d14
 Concen: 32.345 ng
 RT: 13.033 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF143538.D
 Acq: 21 Aug 2025 19:03

Instrument :
 BNA_F
 ClientSampleId :
 22BP-SRE

Tgt Ion:244 Resp: 419964
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.2 7.8
 122 9.7 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: BF143538.D
 Acq: 21 Aug 2025 19:03

Tgt Ion:264 Resp: 247509
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.4 17.6 26.4

