

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
 Data File : BF143537.D
 Acq On : 21 Aug 2025 18:34
 Operator : RC/JU
 Sample : Q2819-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17M-E

Quant Time: Aug 22 01:01:51 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	110058	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	413680	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	209222	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	282152	20.000	ng	0.00
76) Chrysene-d12	14.092	240	211843	20.000	ng	-0.01
86) Perylene-d12	15.592	264	251712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	492635	78.161	ng	0.00
7) Phenol-d6	6.557	99	622762	80.041	ng	-0.02
23) Nitrobenzene-d5	7.481	82	411747	58.082	ng	-0.02
42) 2,4,6-Tribromophenol	10.751	330	142070	72.948	ng	-0.01
45) 2-Fluorobiphenyl	9.280	172	732023	57.823	ng	0.00
79) Terphenyl-d14	13.033	244	490084	40.370	ng	0.00

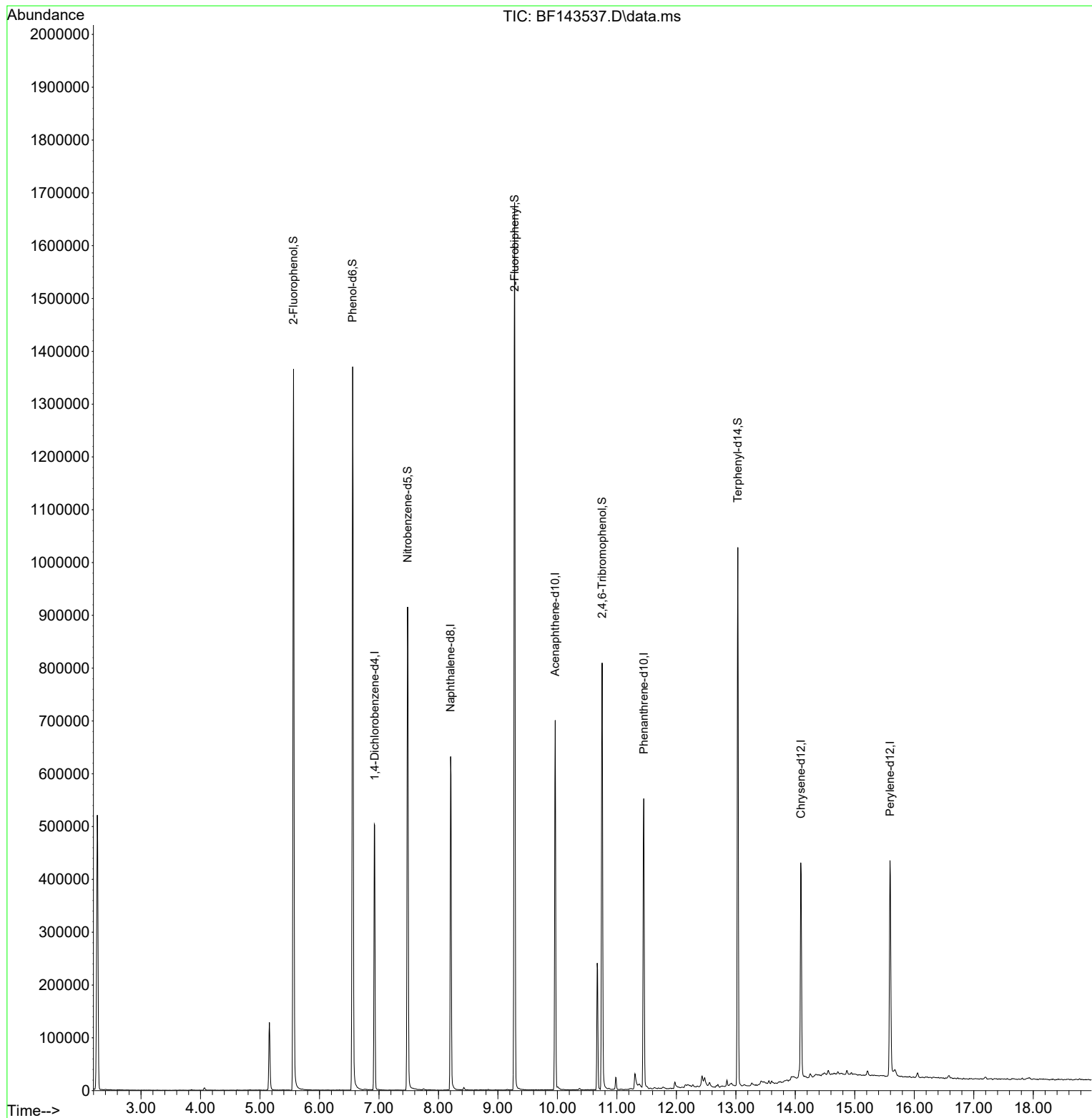
Target Compounds	Qvalue

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

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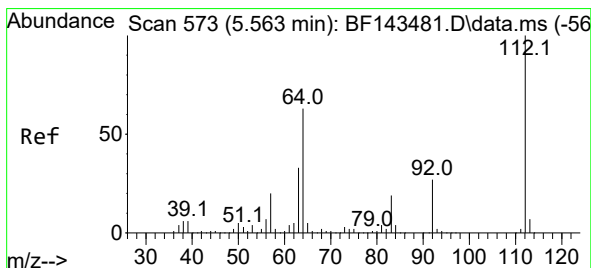
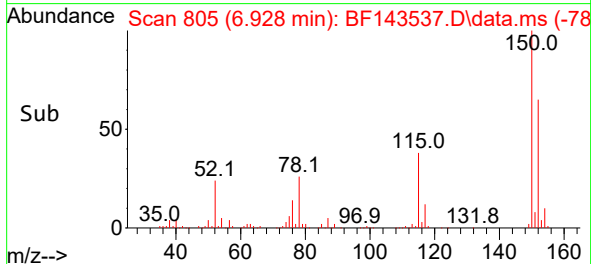
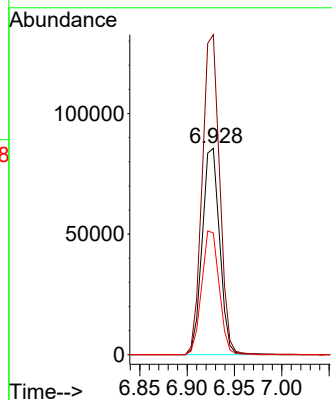
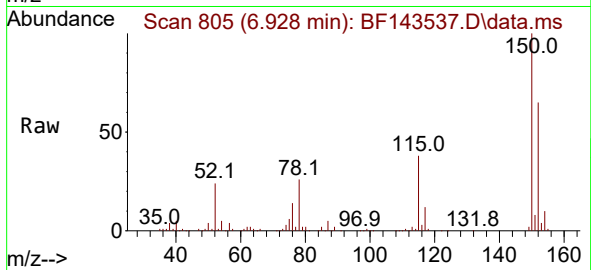




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143537.D
Acq: 21 Aug 2025 18:34

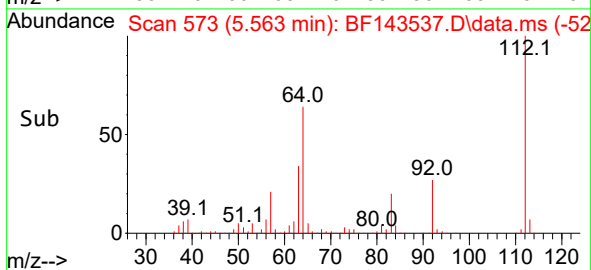
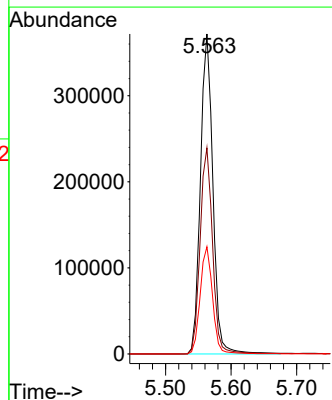
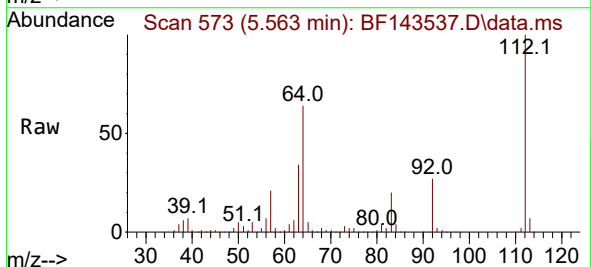
Instrument :
BNA_F
ClientSampleId :
17M-E

Tgt Ion:152 Resp: 110058
Ion Ratio Lower Upper
152 100
150 155.0 128.9 193.3
115 59.0 49.2 73.8



#5
2-Fluorophenol
Concen: 78.161 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143537.D
Acq: 21 Aug 2025 18:34

Tgt Ion:112 Resp: 492635
Ion Ratio Lower Upper
112 100
64 64.4 50.4 75.6
63 33.5 26.4 39.6

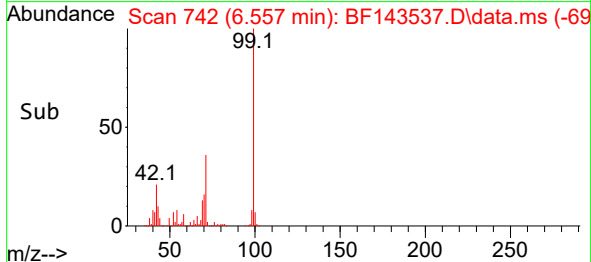
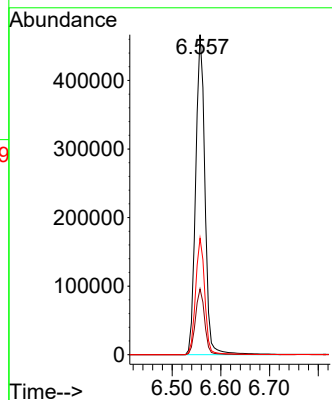
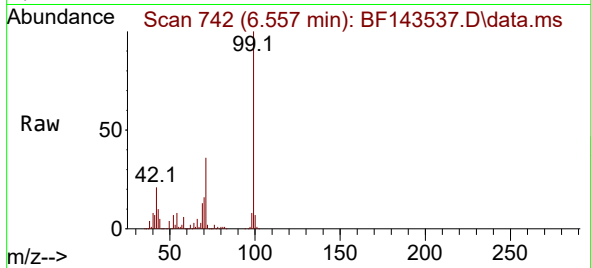




#7
Phenol-d6
Concen: 80.041 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143537.D
Acq: 21 Aug 2025 18:34

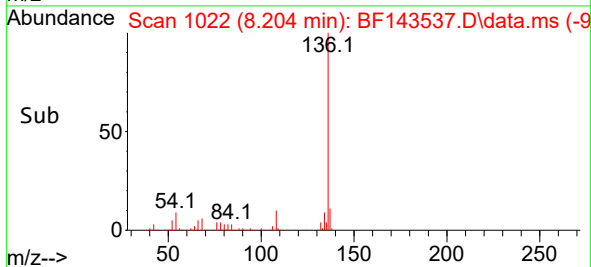
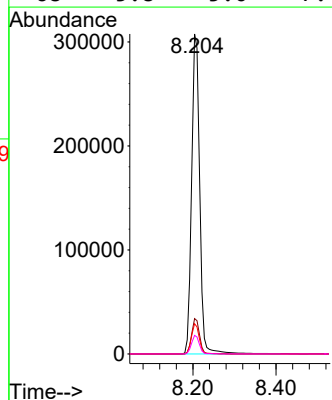
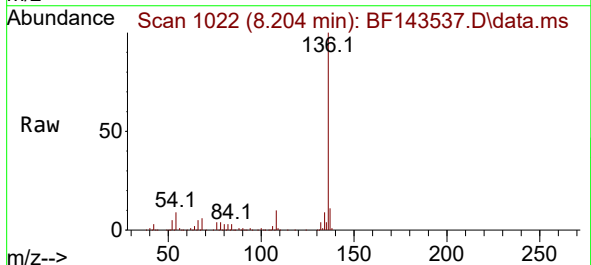
Instrument :
BNA_F
ClientSampleId :
17M-E

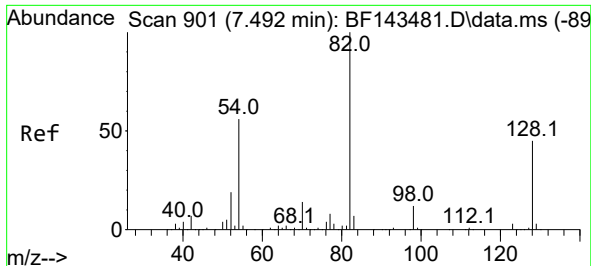
Tgt Ion: 99 Resp: 622762
Ion Ratio Lower Upper
99 100
42 20.6 16.3 24.5
71 36.4 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143537.D
Acq: 21 Aug 2025 18:34

Tgt Ion: 136 Resp: 413680
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.5 7.4 11.2
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 58.082 ng

RT: 7.481 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF143537.D

Acq: 21 Aug 2025 18:34

Instrument :

BNA_F

ClientSampleId :

17M-E

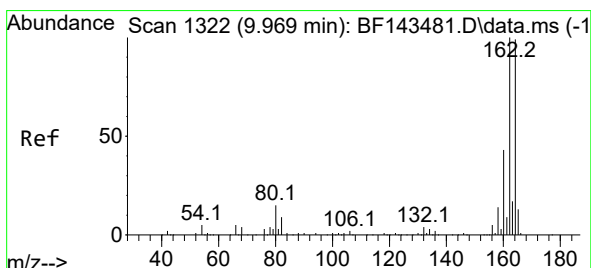
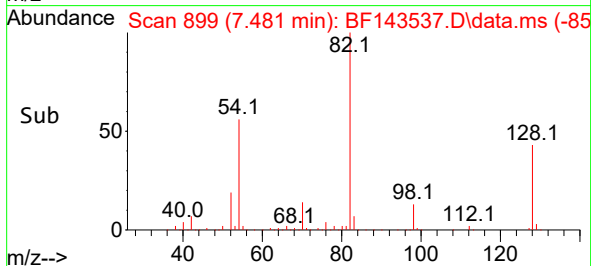
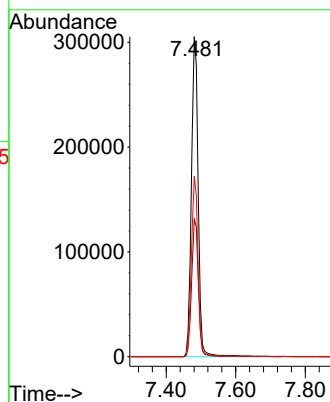
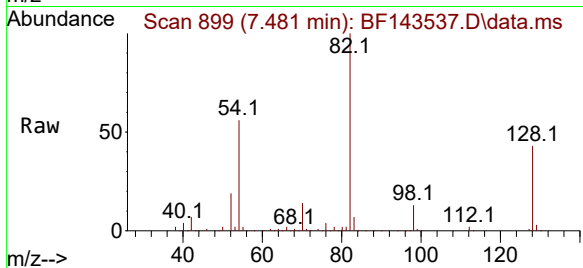
Tgt Ion: 82 Resp: 411747

Ion Ratio Lower Upper

82 100

128 42.8 35.5 53.3

54 56.4 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: BF143537.D

Acq: 21 Aug 2025 18:34

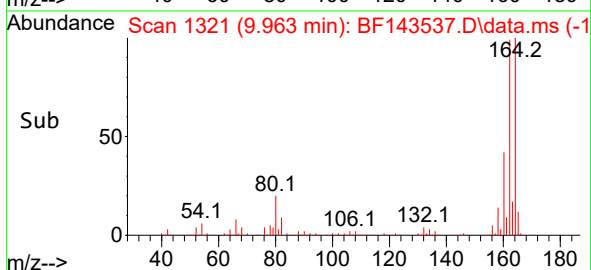
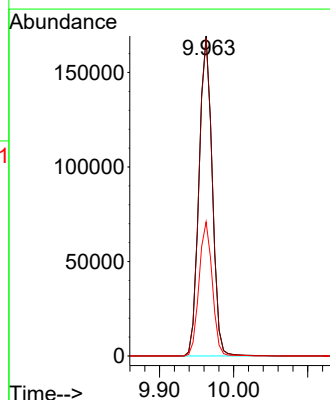
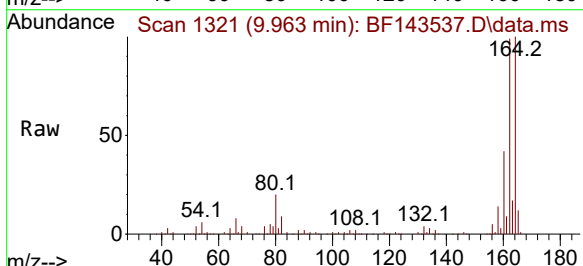
Tgt Ion:164 Resp: 209222

Ion Ratio Lower Upper

164 100

162 99.5 80.5 120.7

160 41.9 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 72.948 ng

RT: 10.751 min Scan# 1456

Delta R.T. -0.012 min

Lab File: BF143537.D

Acq: 21 Aug 2025 18:34

Instrument :

BNA_F

ClientSampleId :

17M-E

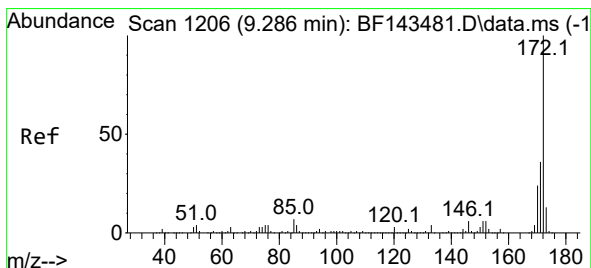
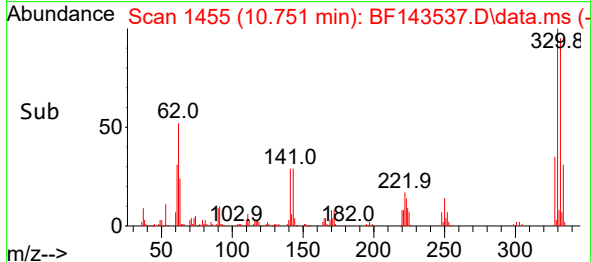
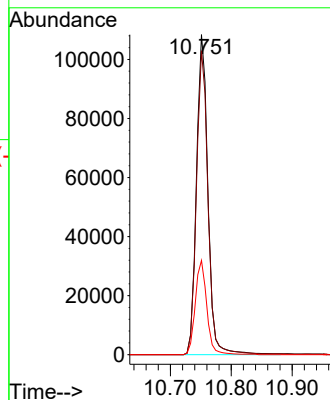
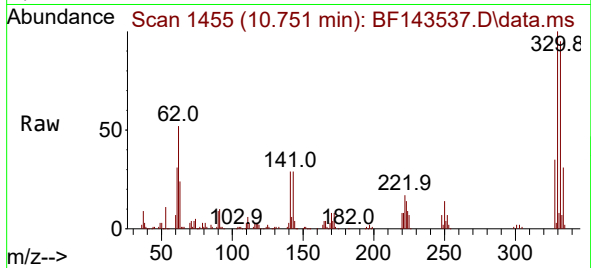
Tgt Ion:330 Resp: 142070

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

141 29.6 23.7 35.5



#45

2-Fluorobiphenyl

Concen: 57.823 ng

RT: 9.280 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143537.D

Acq: 21 Aug 2025 18:34

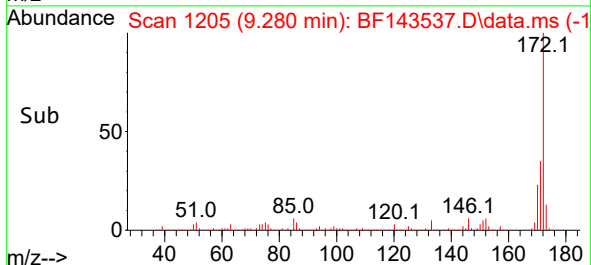
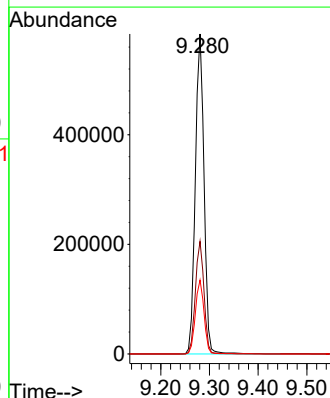
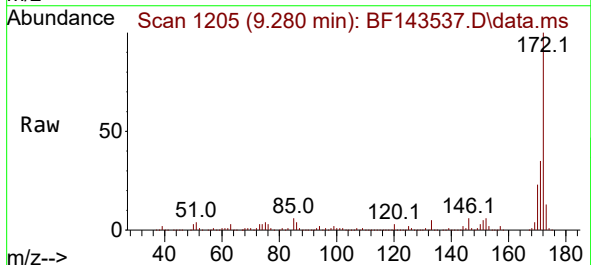
Tgt Ion:172 Resp: 732023

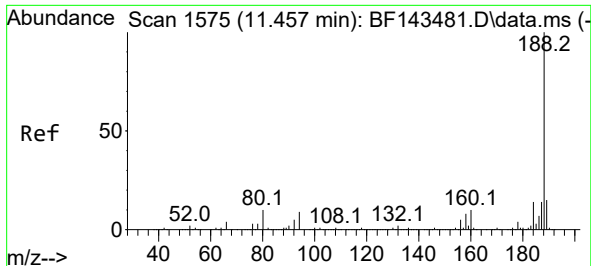
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.1 18.8 28.2

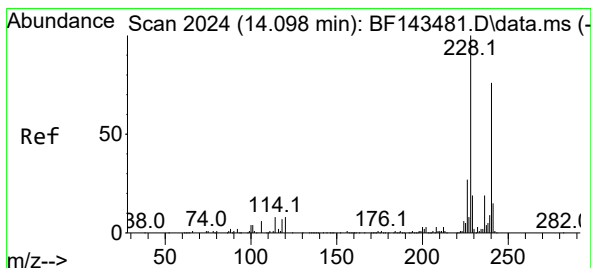
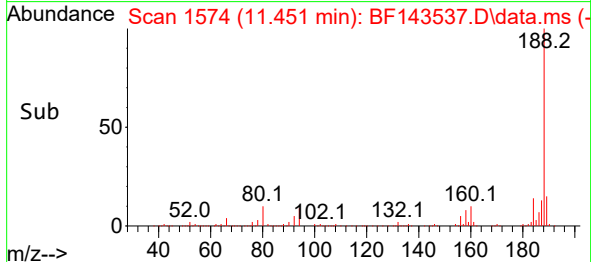
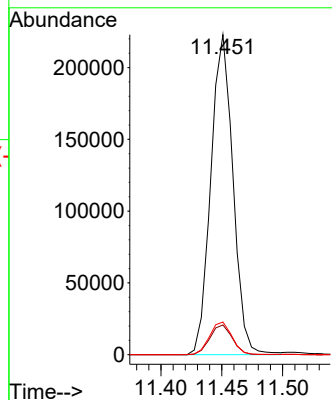
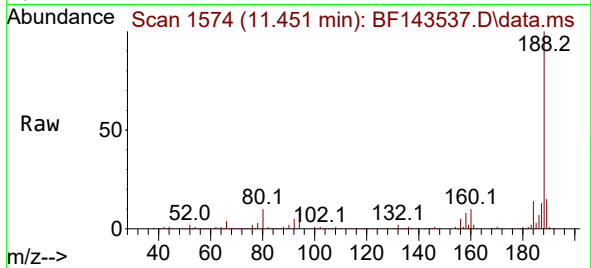




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143537.D
Acq: 21 Aug 2025 18:34

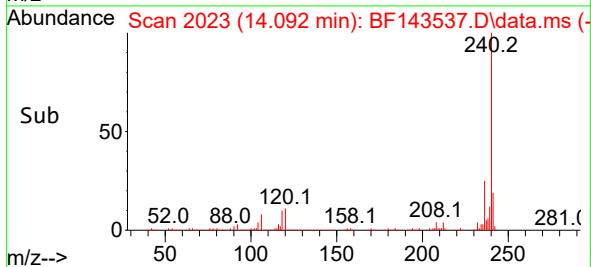
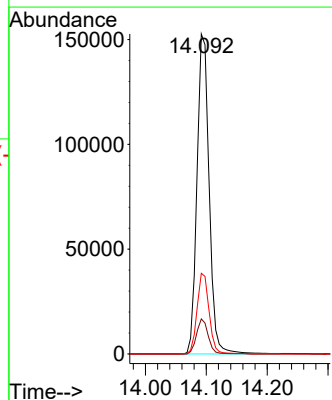
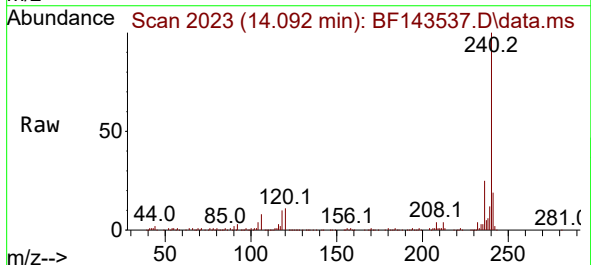
Instrument :
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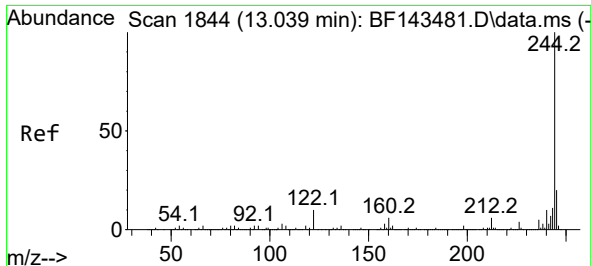
Tgt Ion:188 Resp: 282152
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143537.D
Acq: 21 Aug 2025 18:34

Tgt Ion:240 Resp: 211843
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 25.2 20.4 30.6

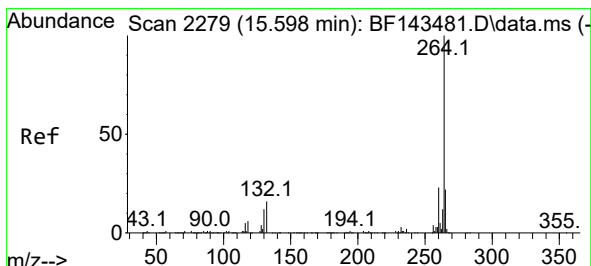
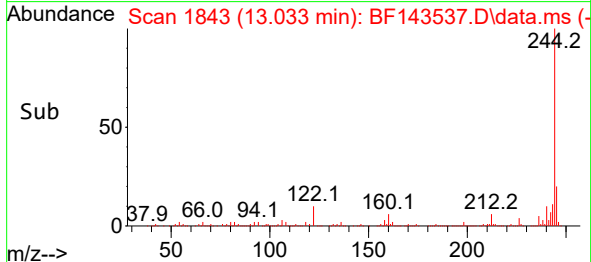
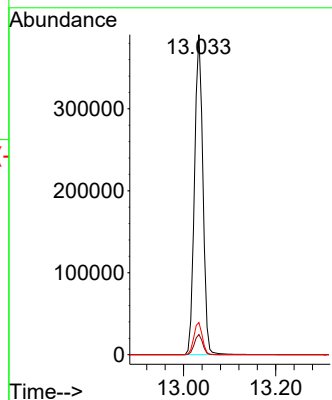
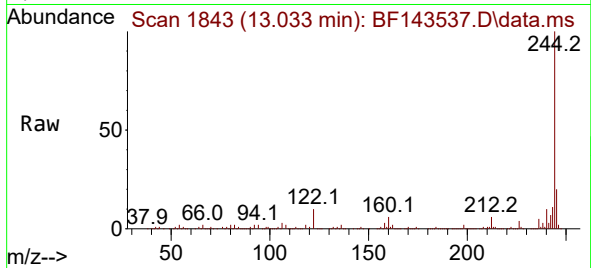




#79
 Terphenyl-d14
 Concen: 40.370 ng
 RT: 13.033 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF143537.D
 Acq: 21 Aug 2025 18:34

Instrument :
 BNA_F
 ClientSampleId :
 17M-E

Tgt Ion:244 Resp: 490084
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.2 7.8
 122 10.1 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: BF143537.D
 Acq: 21 Aug 2025 18:34

Tgt Ion:264 Resp: 251712
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.8 17.6 26.4

