

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143462.D
 Acq On : 19 Aug 2025 17:57
 Operator : RC/JU
 Sample : Q2891-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-1

Quant Time: Aug 19 18:57:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	143047	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	568257	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	324670	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	546376	20.000	ng	0.00
76) Chrysene-d12	14.092	240	279711	20.000	ng	0.00
86) Perylene-d12	15.586	264	289666	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	453610	55.123	ng	0.01
7) Phenol-d6	6.563	99	604749	58.315	ng	0.00
23) Nitrobenzene-d5	7.481	82	387619	40.476	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	184147	63.723	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	807864	41.852	ng	0.00
79) Terphenyl-d14	13.027	244	760860	45.695	ng	0.00

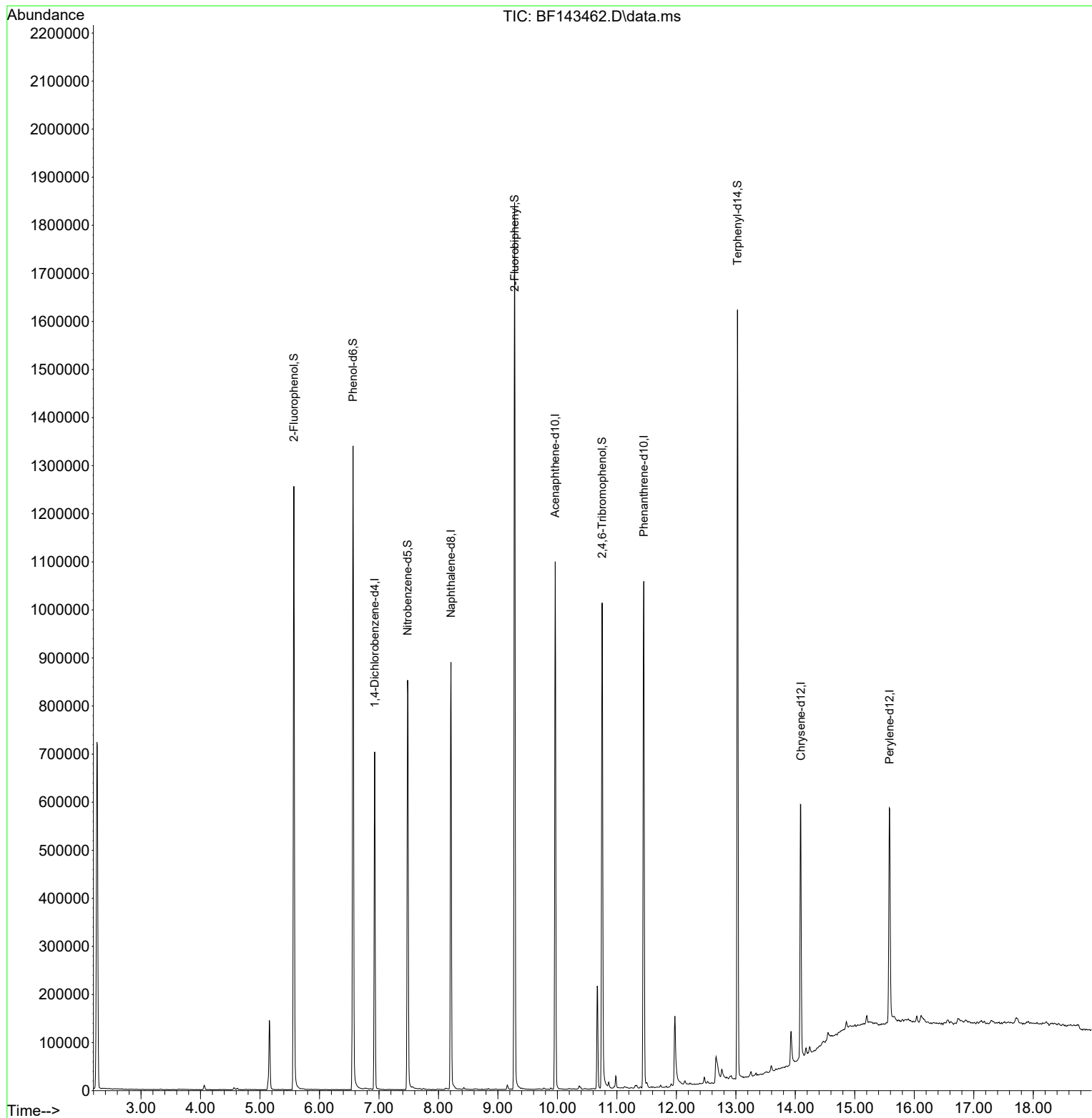
Target Compounds	Qvalue

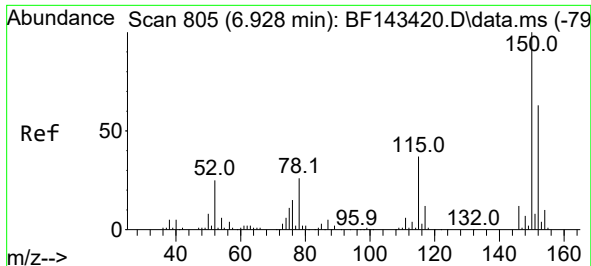
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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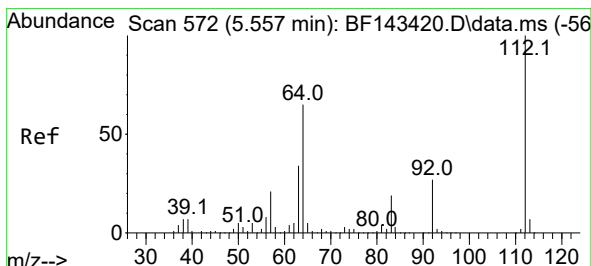
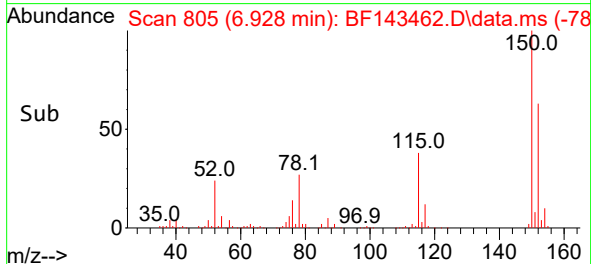
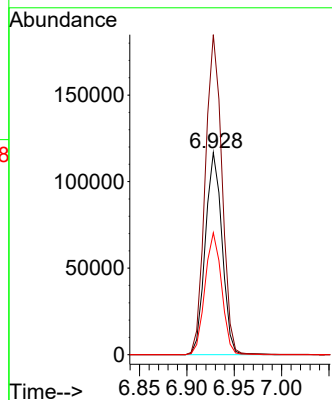
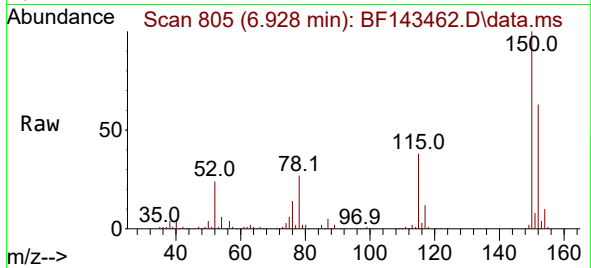




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143462.D
Acq: 19 Aug 2025 17:57

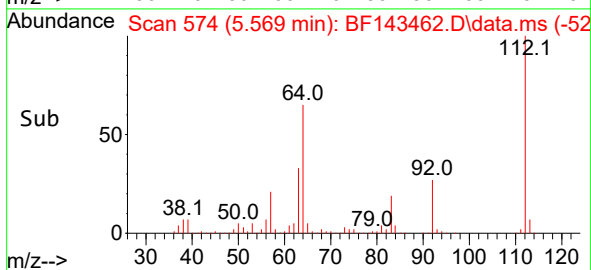
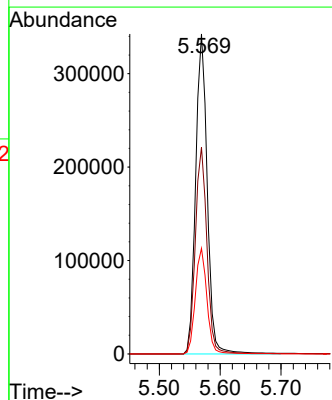
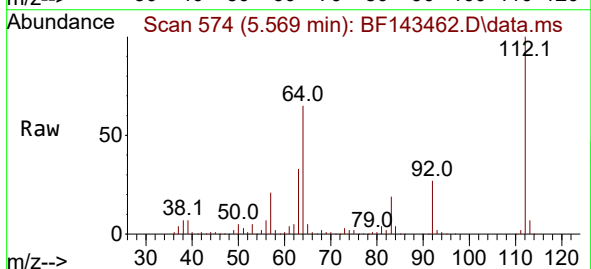
Instrument :
BNA_F
ClientSampleId :
WALL-1

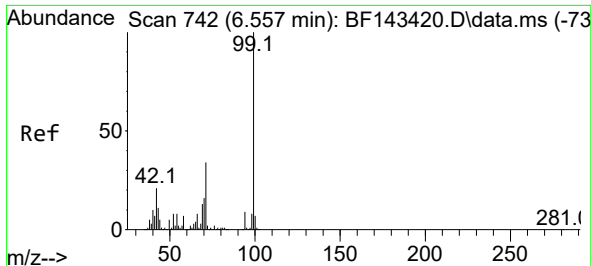
Tgt Ion:152 Resp: 143047
Ion Ratio Lower Upper
152 100
150 158.3 127.4 191.2
115 60.3 47.5 71.3



#5
2-Fluorophenol
Concen: 55.123 ng
RT: 5.569 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF143462.D
Acq: 19 Aug 2025 17:57

Tgt Ion:112 Resp: 453610
Ion Ratio Lower Upper
112 100
64 64.6 52.2 78.2
63 33.0 27.0 40.6

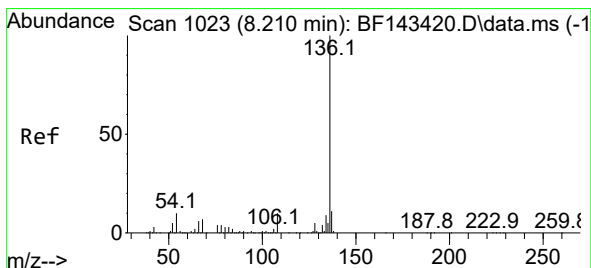
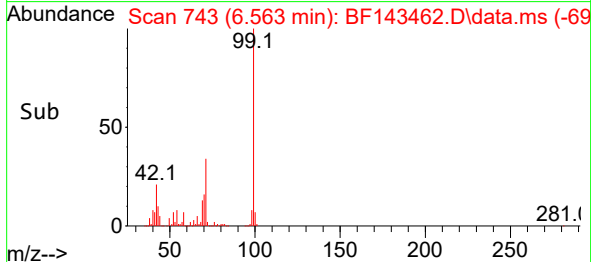
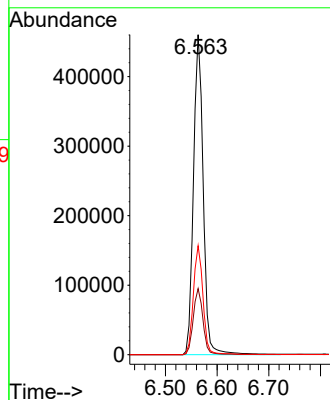
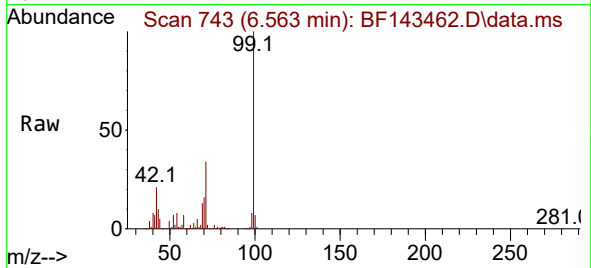




#7
Phenol-d6
Concen: 58.315 ng
RT: 6.563 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143462.D
Acq: 19 Aug 2025 17:57

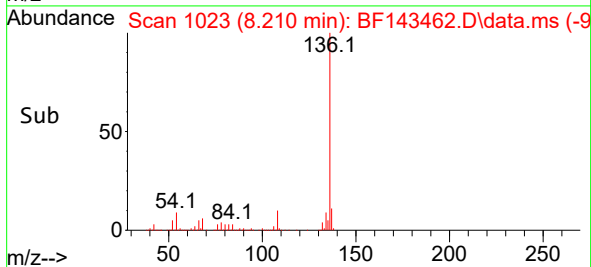
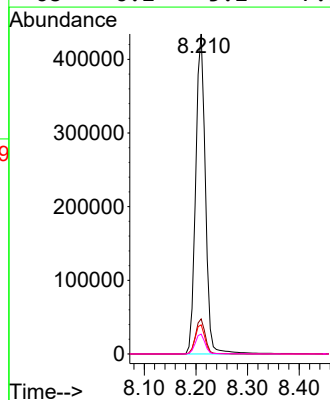
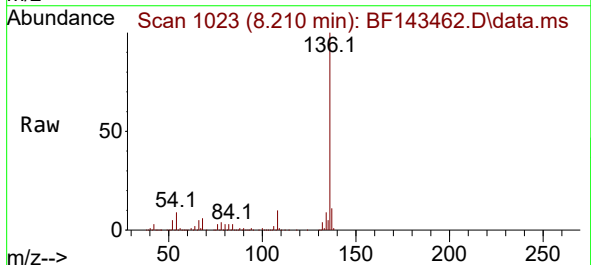
Instrument :
BNA_F
ClientSampleId :
WALL-1

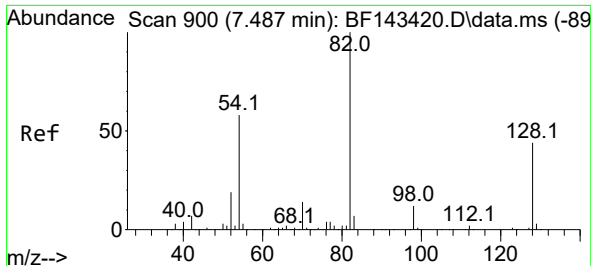
Tgt Ion: 99 Resp: 604749
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 34.0 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143462.D
Acq: 19 Aug 2025 17:57

Tgt Ion: 136 Resp: 568257
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.1 7.8 11.8
68 6.2 5.2 7.8





#23

Nitrobenzene-d5

Concen: 40.476 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF143462.D

Acq: 19 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

WALL-1

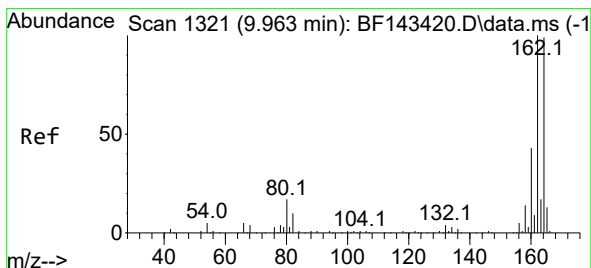
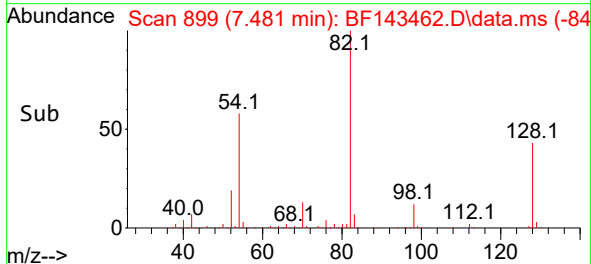
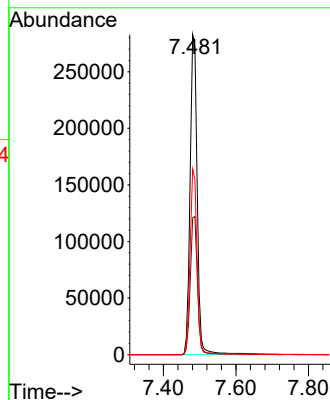
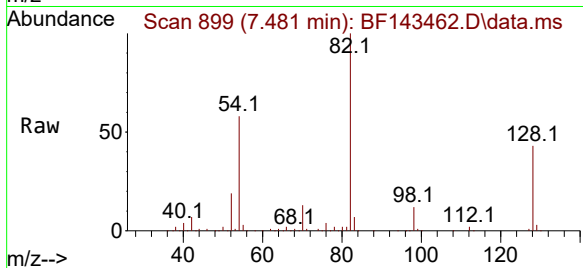
Tgt Ion: 82 Resp: 387619

Ion Ratio Lower Upper

82 100

128 42.8 34.6 52.0

54 58.0 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BF143462.D

Acq: 19 Aug 2025 17:57

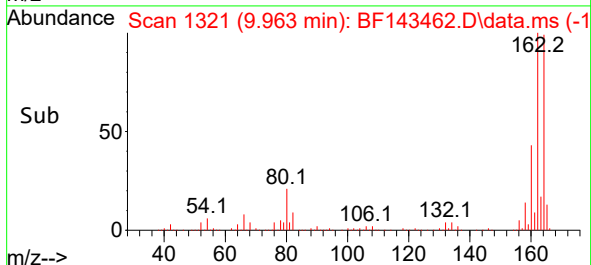
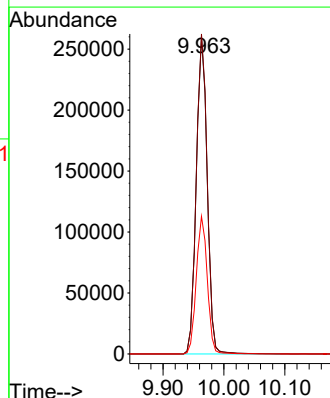
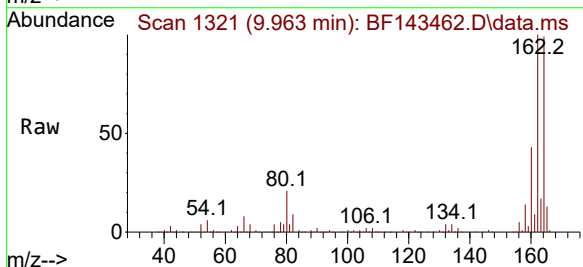
Tgt Ion:164 Resp: 324670

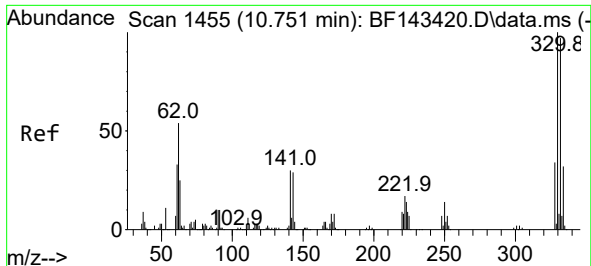
Ion Ratio Lower Upper

164 100

162 100.8 80.6 121.0

160 43.3 34.6 51.8

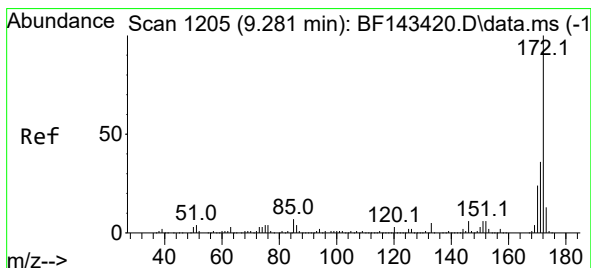
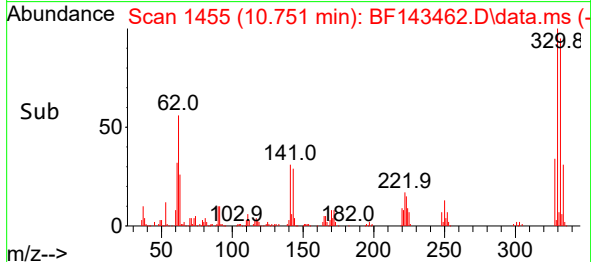
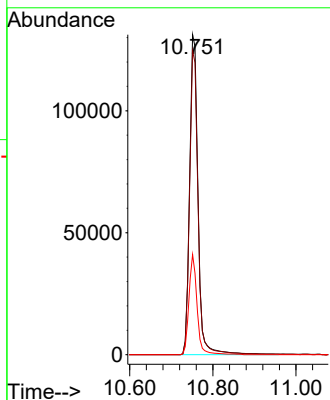
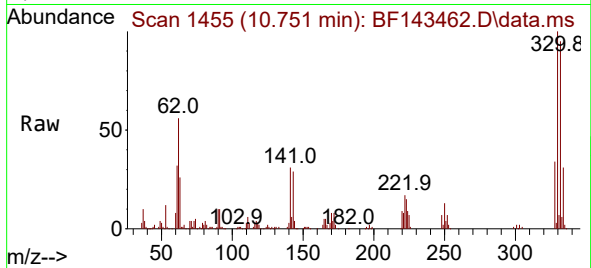




#42
2,4,6-Tribromophenol
Concen: 63.723 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF143462.D
Acq: 19 Aug 2025 17:57

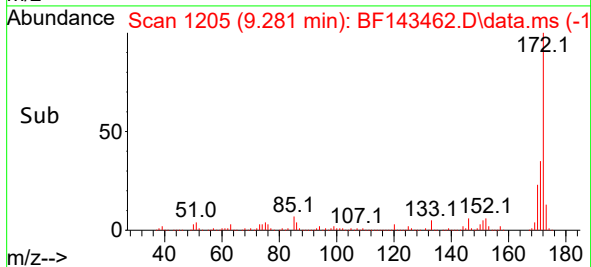
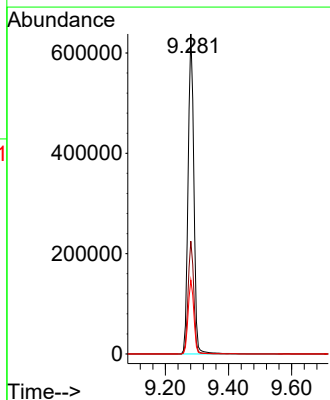
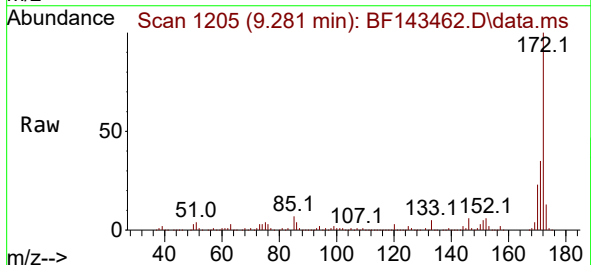
Instrument :
BNA_F
ClientSampleId :
WALL-1

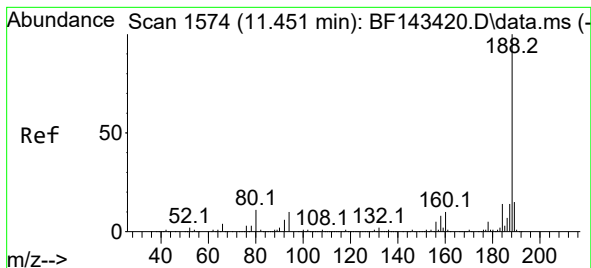
Tgt Ion:330 Resp: 184147
Ion Ratio Lower Upper
330 100
332 95.4 77.4 116.2
141 30.2 24.1 36.1



#45
2-Fluorobiphenyl
Concen: 41.852 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF143462.D
Acq: 19 Aug 2025 17:57

Tgt Ion:172 Resp: 807864
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.1 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143462.D

Acq: 19 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

WALL-1

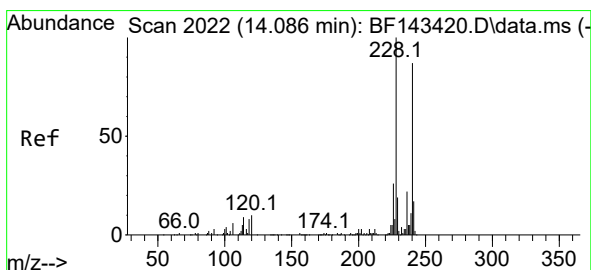
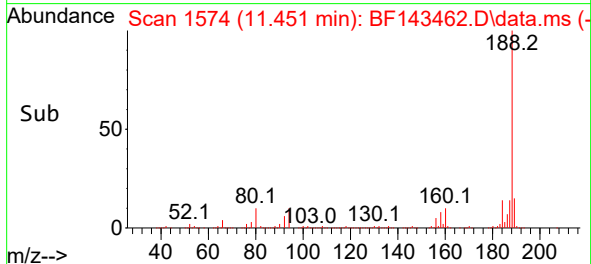
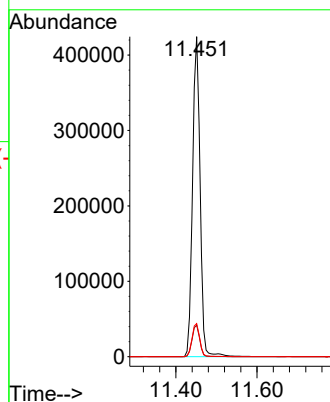
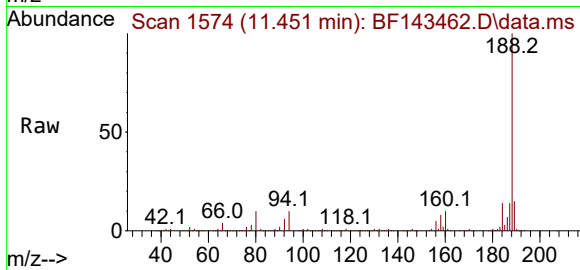
Tgt Ion:188 Resp: 546376

Ion Ratio Lower Upper

188 100

94 9.8 8.0 12.0

80 10.4 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF143462.D

Acq: 19 Aug 2025 17:57

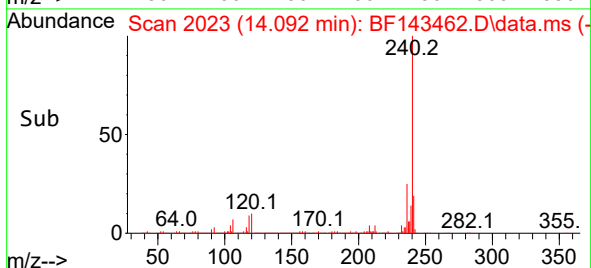
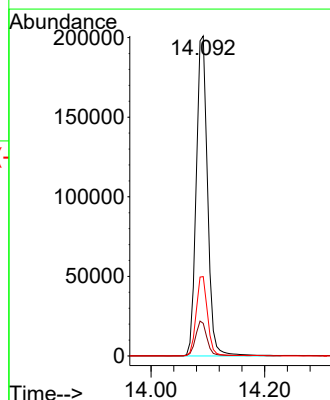
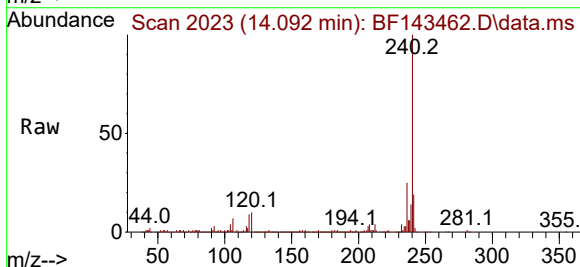
Tgt Ion:240 Resp: 279711

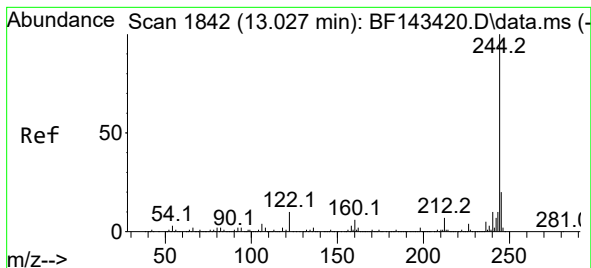
Ion Ratio Lower Upper

240 100

120 10.2 9.0 13.4

236 24.8 20.2 30.2





#79

Terphenyl-d14

Concen: 45.695 ng

RT: 13.027 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF143462.D

Acq: 19 Aug 2025 17:57

Instrument :

BNA_F

ClientSampleId :

WALL-1

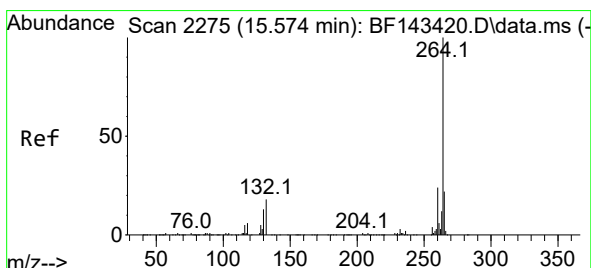
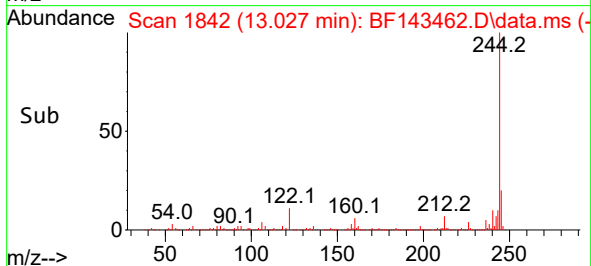
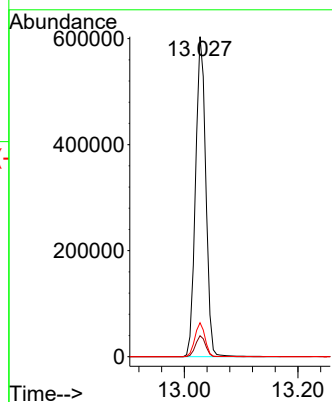
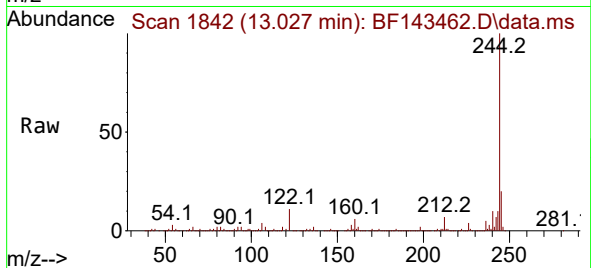
Tgt Ion:244 Resp: 760860

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

122 10.6 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 2277

Delta R.T. 0.012 min

Lab File: BF143462.D

Acq: 19 Aug 2025 17:57

Tgt Ion:264 Resp: 289666

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.3 17.4 26.0

