

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143474.D
 Acq On : 20 Aug 2025 00:45
 Operator : RC/JU
 Sample : Q2683-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Aug 20 02:12:49 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	136069	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	535167	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	290735	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	440654	20.000	ng	0.00
76) Chrysene-d12	14.086	240	240075	20.000	ng	0.00
86) Perylene-d12	15.574	264	288149	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	449869	57.472	ng	0.00
7) Phenol-d6	6.557	99	366475	37.151	ng	0.00
23) Nitrobenzene-d5	7.487	82	795398	88.193	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	338318	130.738	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1492752	86.360	ng	0.00
79) Terphenyl-d14	13.027	244	1226679	85.833	ng	0.00

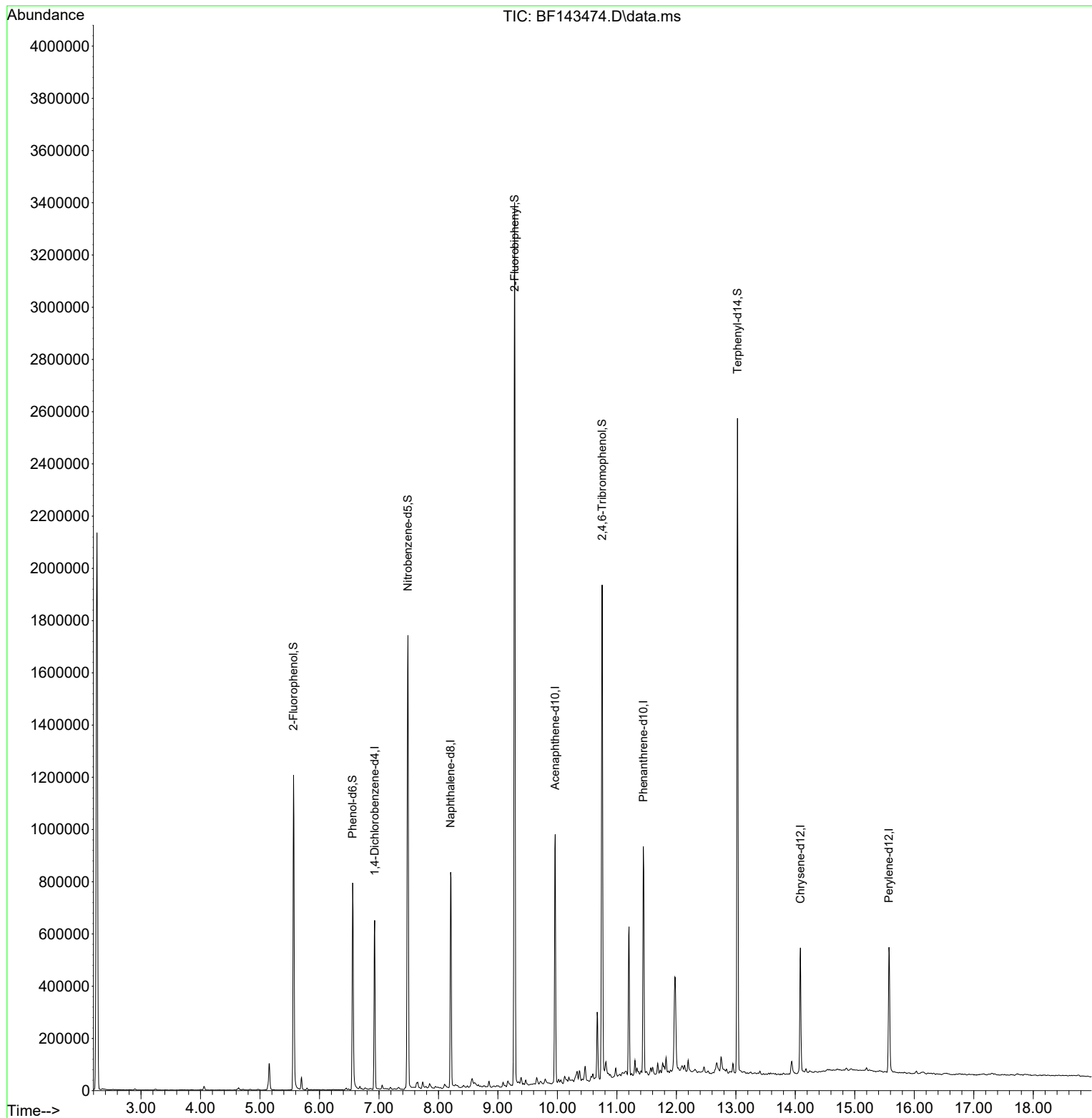
Target Compounds	Qvalue

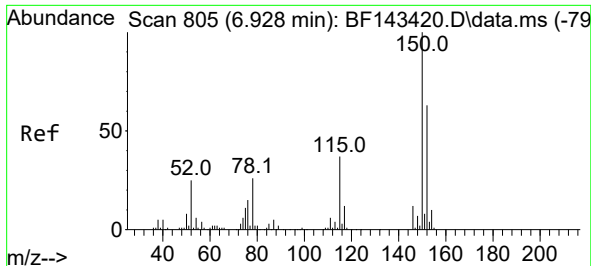
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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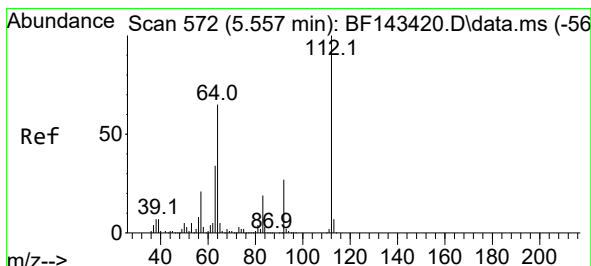
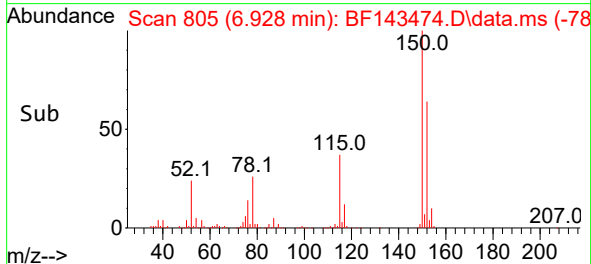
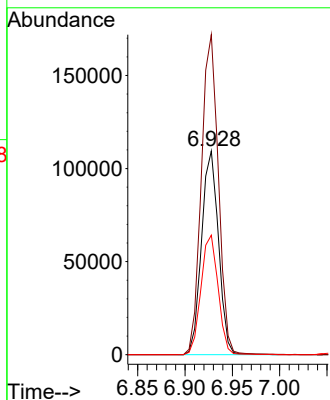
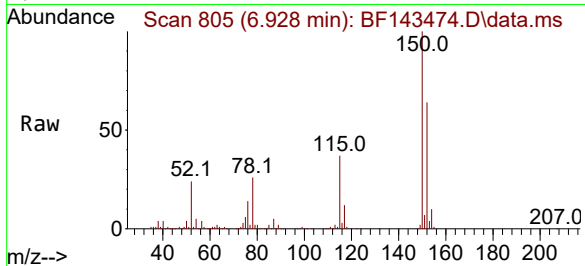




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143474.D
 Acq: 20 Aug 2025 00:45

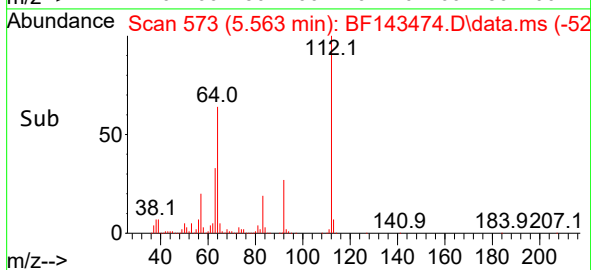
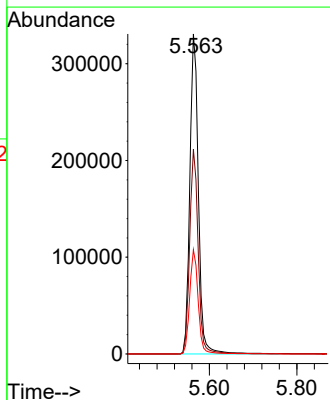
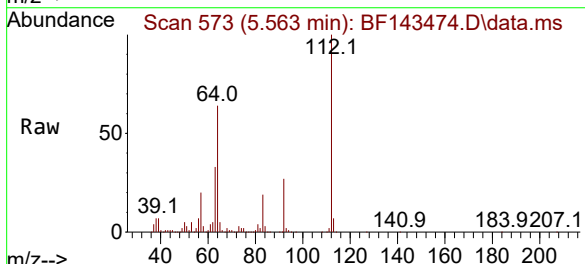
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

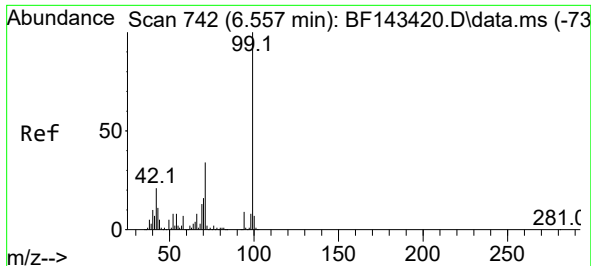
Tgt Ion:152 Resp: 136069
 Ion Ratio Lower Upper
 152 100
 150 157.1 127.4 191.2
 115 58.7 47.5 71.3



#5
 2-Fluorophenol
 Concen: 57.472 ng
 RT: 5.563 min Scan# 573
 Delta R.T. 0.006 min
 Lab File: BF143474.D
 Acq: 20 Aug 2025 00:45

Tgt Ion:112 Resp: 449869
 Ion Ratio Lower Upper
 112 100
 64 63.9 52.2 78.2
 63 32.5 27.0 40.6

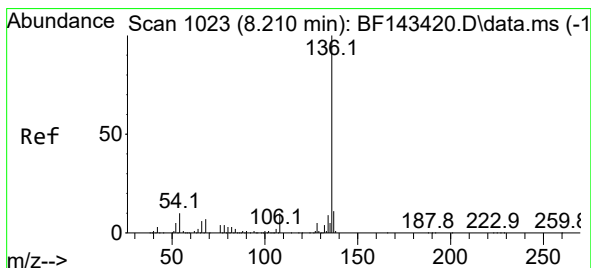
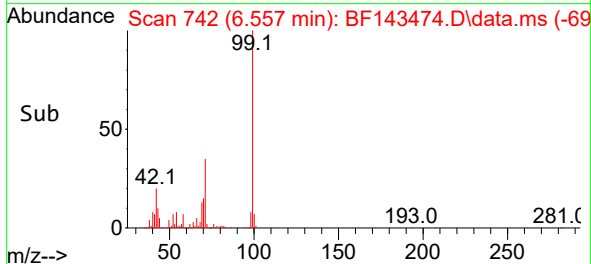
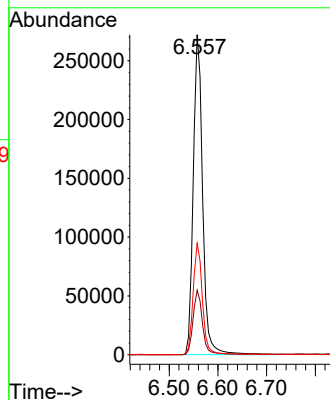
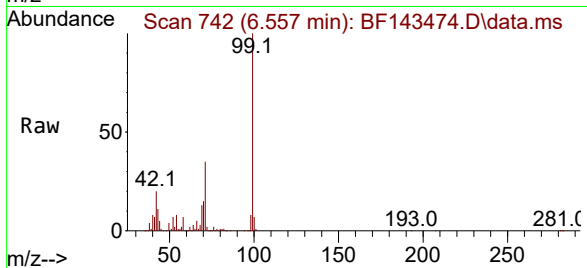




#7
Phenol-d6
Concen: 37.151 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF143474.D
Acq: 20 Aug 2025 00:45

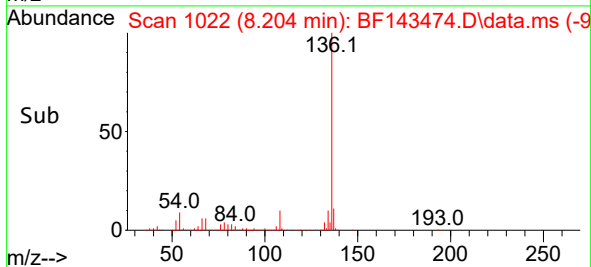
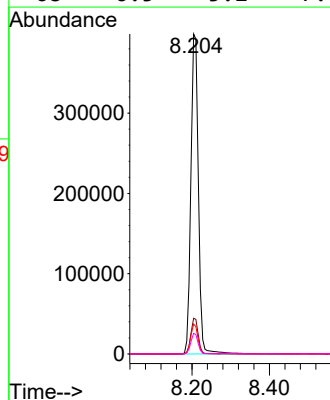
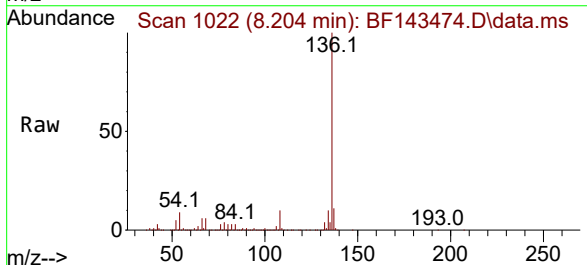
Instrument :
BNA_F
ClientSampleId :
DSN001

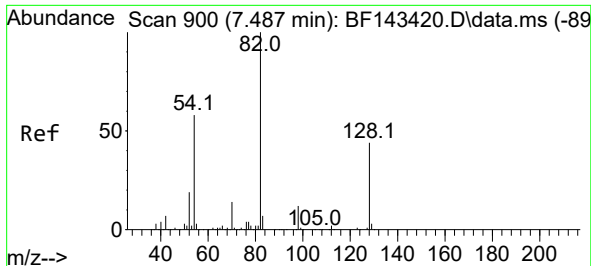
Tgt Ion: 99 Resp: 366475
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 34.8 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143474.D
Acq: 20 Aug 2025 00:45

Tgt Ion: 136 Resp: 535167
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.4 7.8 11.8
68 6.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 88.193 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF143474.D

Acq: 20 Aug 2025 00:45

Instrument :

BNA_F

ClientSampleId :

DSN001

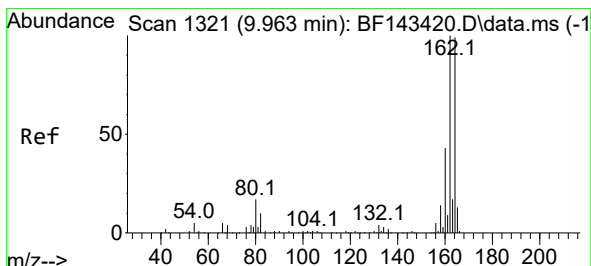
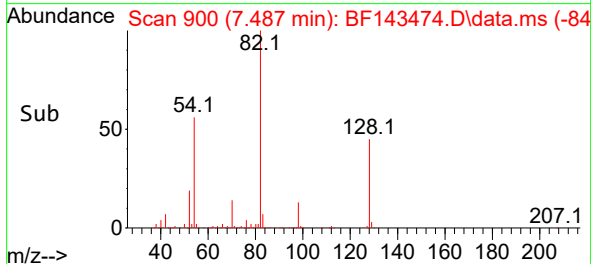
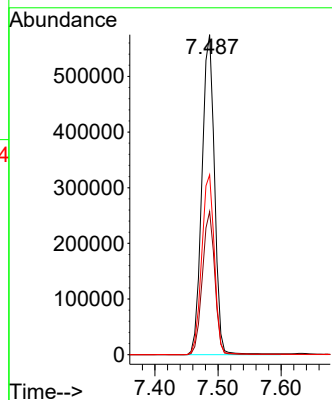
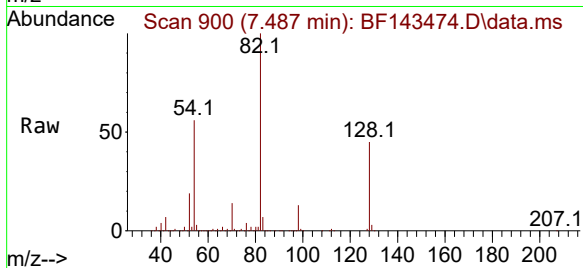
Tgt Ion: 82 Resp: 795398

Ion Ratio Lower Upper

82 100

128 44.7 34.6 52.0

54 56.2 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: BF143474.D

Acq: 20 Aug 2025 00:45

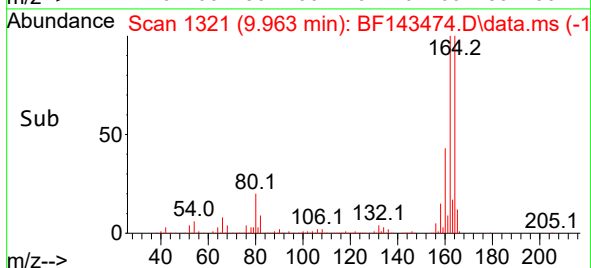
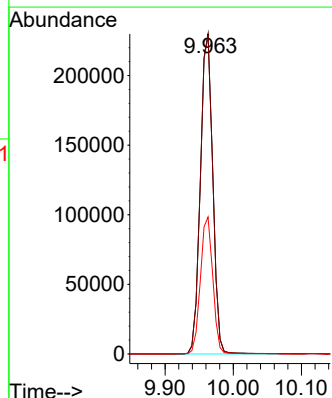
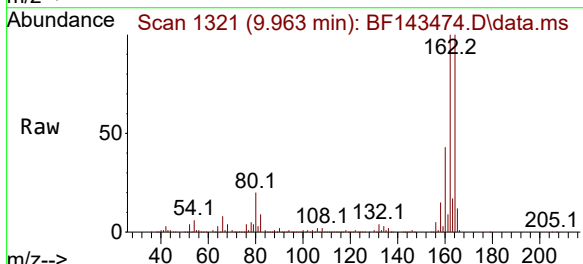
Tgt Ion: 164 Resp: 290735

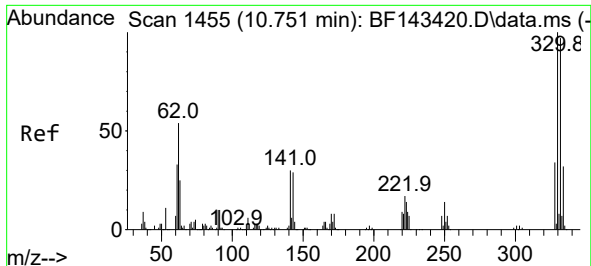
Ion Ratio Lower Upper

164 100

162 99.5 80.6 121.0

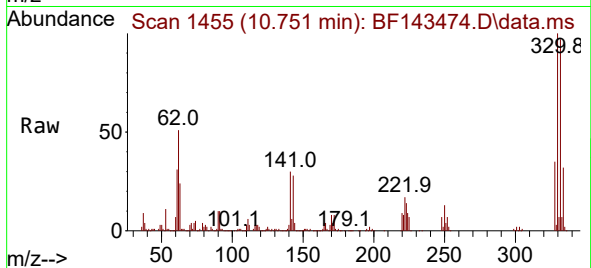
160 42.8 34.6 51.8



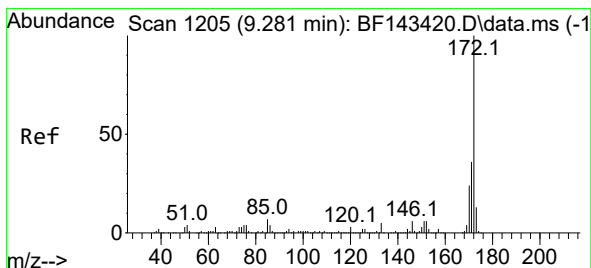
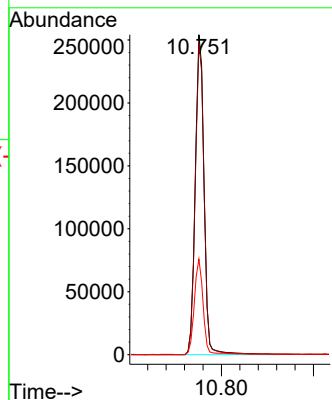
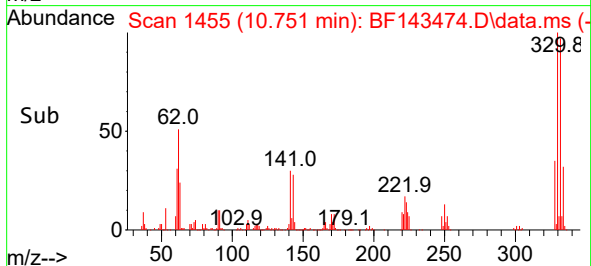


#42
 2,4,6-Tribromophenol
 Concen: 130.738 ng
 RT: 10.751 min Scan# 1455
 Delta R.T. -0.000 min
 Lab File: BF143474.D
 Acq: 20 Aug 2025 00:45

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

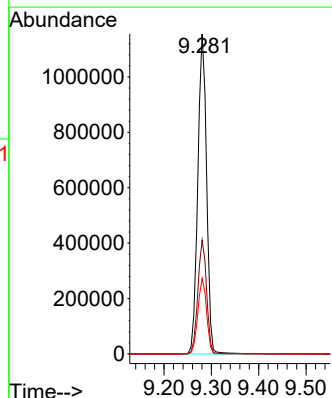
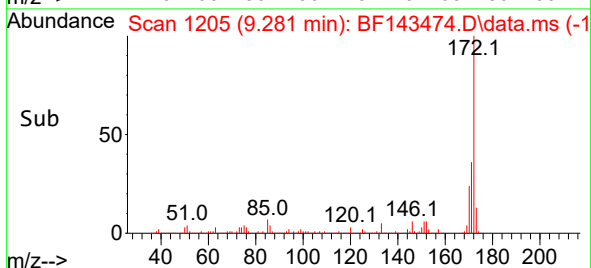
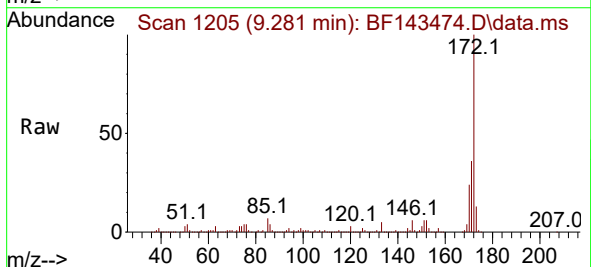


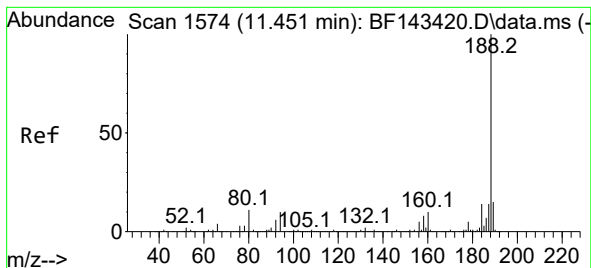
Tgt Ion:330 Resp: 338318
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 29.7 24.1 36.1



#45
 2-Fluorobiphenyl
 Concen: 86.360 ng
 RT: 9.281 min Scan# 1205
 Delta R.T. -0.000 min
 Lab File: BF143474.D
 Acq: 20 Aug 2025 00:45

Tgt Ion:172 Resp: 1492752
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.7 43.1
 170 23.6 19.0 28.6

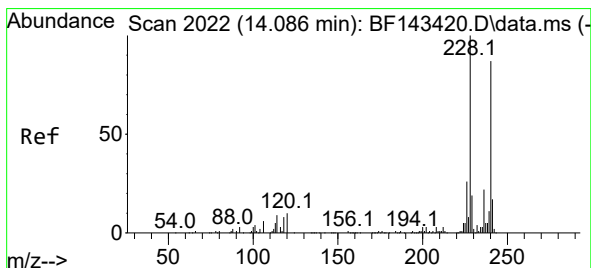
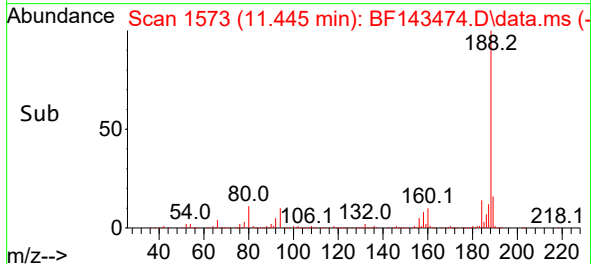
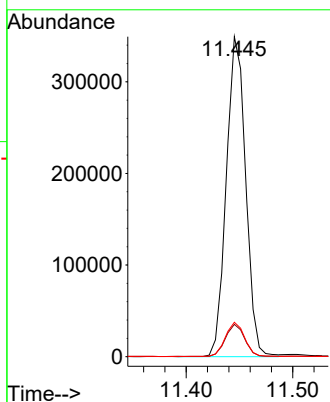
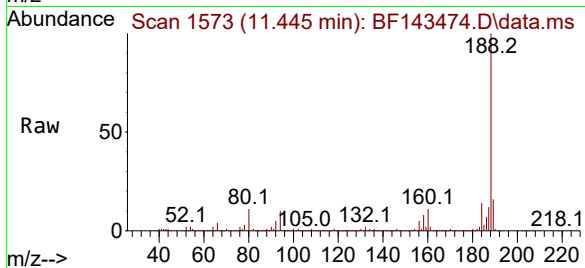




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143474.D
Acq: 20 Aug 2025 00:45

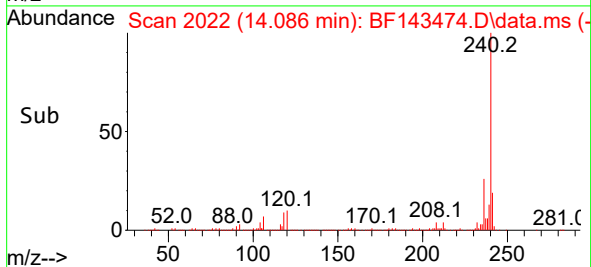
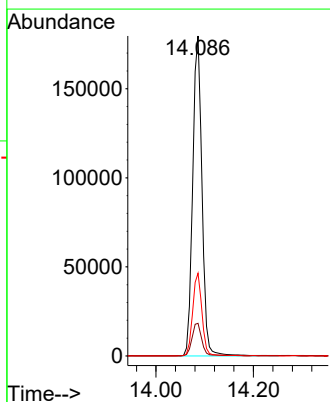
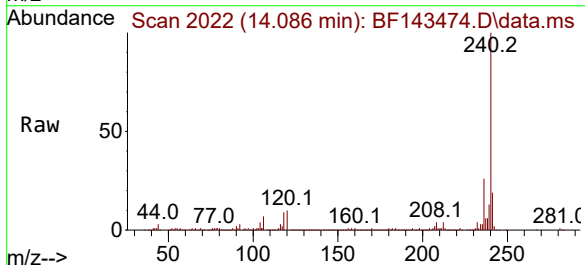
Instrument :
BNA_F
ClientSampleId :
DSN001

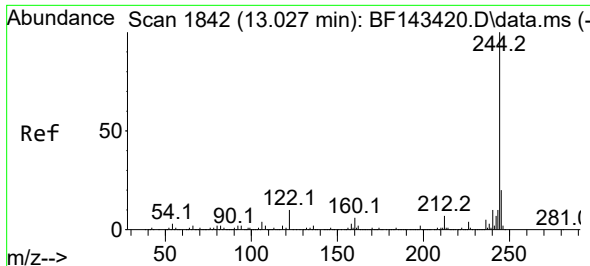
Tgt Ion:188 Resp: 440654
Ion Ratio Lower Upper
188 100
94 10.1 8.0 12.0
80 10.8 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF143474.D
Acq: 20 Aug 2025 00:45

Tgt Ion:240 Resp: 240075
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.4
236 25.9 20.2 30.2

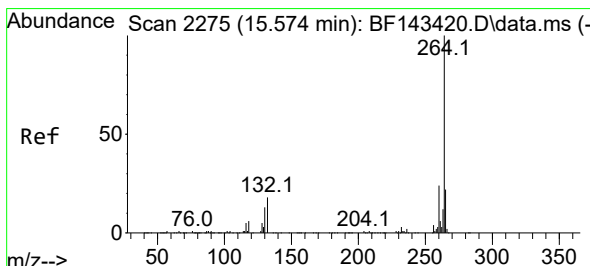
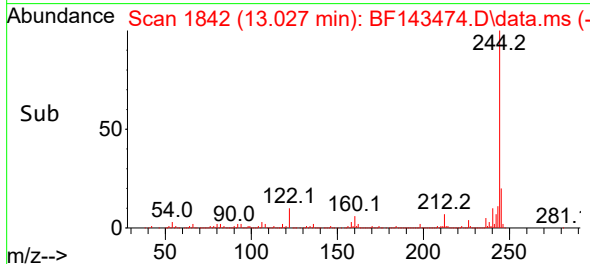
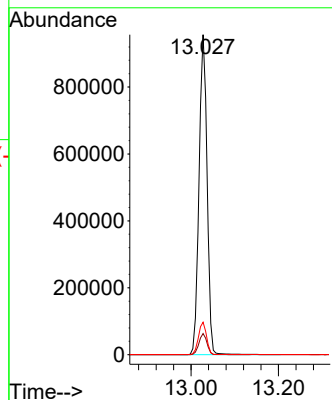
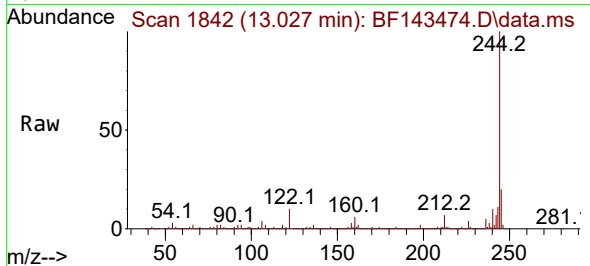




#79
 Terphenyl-d14
 Concen: 85.833 ng
 RT: 13.027 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF143474.D
 Acq: 20 Aug 2025 00:45

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:244 Resp: 1226679
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2275
 Delta R.T. -0.000 min
 Lab File: BF143474.D
 Acq: 20 Aug 2025 00:45

Tgt Ion:264 Resp: 288149
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 21.1 17.4 26.0

