

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143446.D
 Acq On : 19 Aug 2025 10:05
 Operator : RC/JU
 Sample : PB169285BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169285BL

Quant Time: Aug 19 12:03:42 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	133029	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	514311	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	286595	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	476673	20.000	ng	0.00
76) Chrysene-d12	14.086	240	249909	20.000	ng	0.00
86) Perylene-d12	15.574	264	256798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	988220	129.133	ng	0.01
7) Phenol-d6	6.557	99	1234802	128.036	ng	0.00
23) Nitrobenzene-d5	7.481	82	828324	95.568	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	356155	139.619	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1530513	89.824	ng	0.00
79) Terphenyl-d14	13.027	244	1467739	98.660	ng	0.00

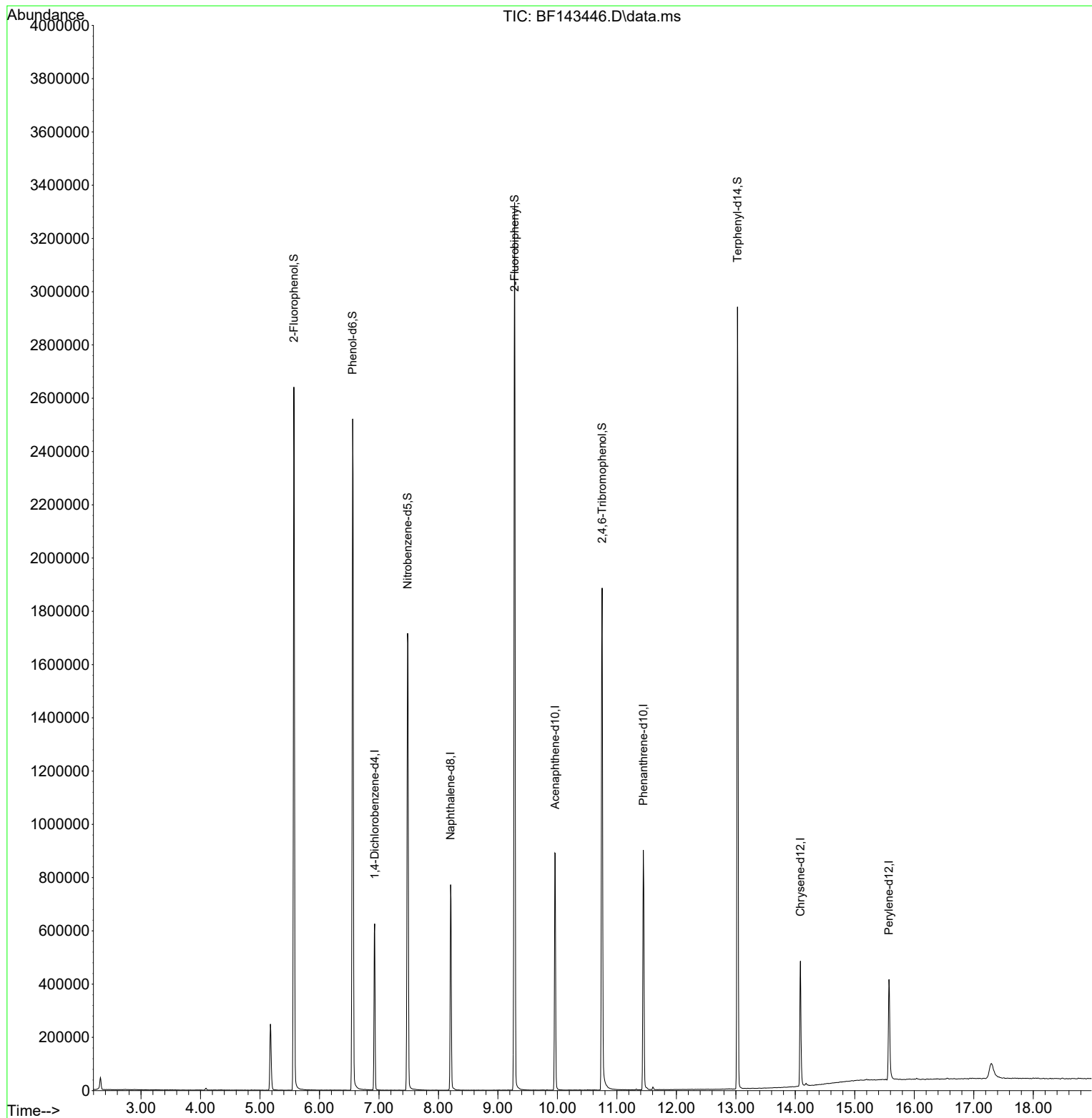
Target Compounds	Qvalue

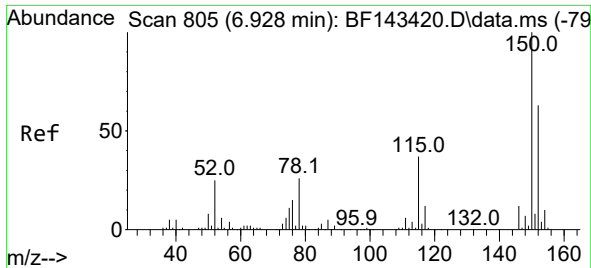
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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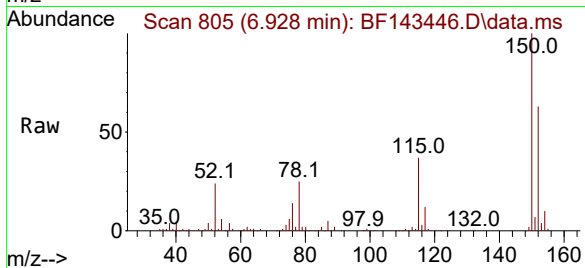
Quant Time: Aug 19 12:03:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
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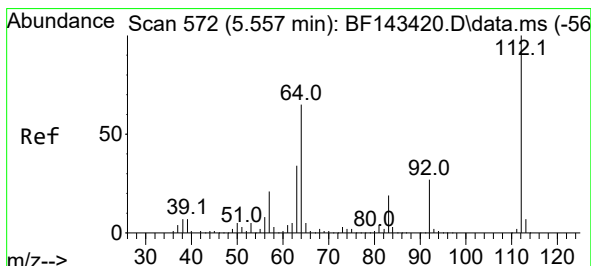
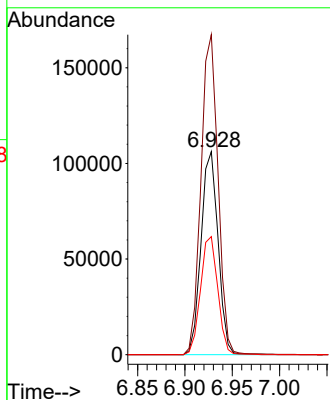
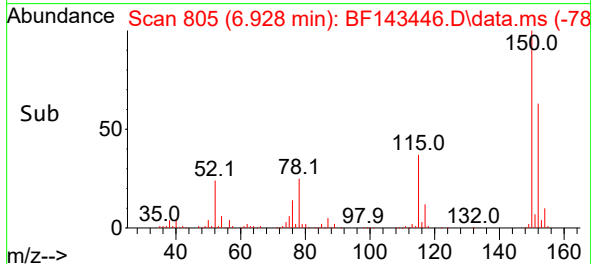


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143446.D
Acq: 19 Aug 2025 10:05

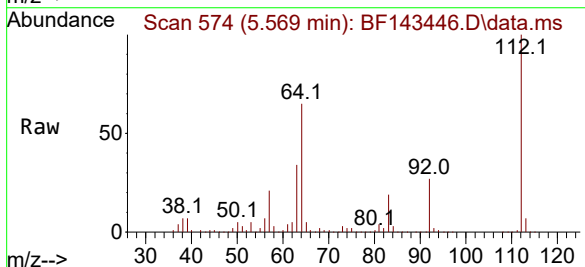
Instrument :
BNA_F
ClientSampleId :
PB169285BL



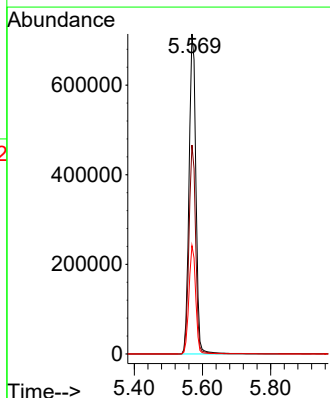
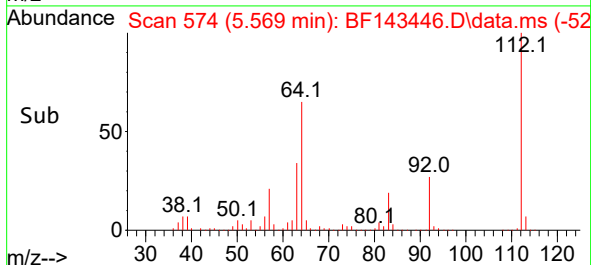
Tgt Ion:152 Resp: 133029
Ion Ratio Lower Upper
152 100
150 157.6 127.4 191.2
115 58.2 47.5 71.3

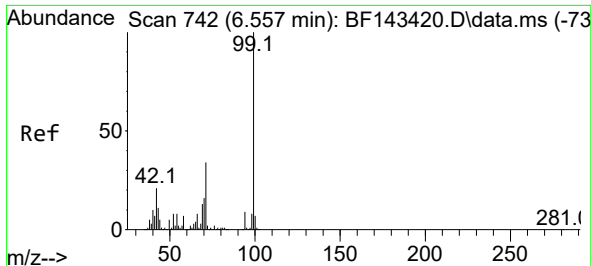


#5
2-Fluorophenol
Concen: 129.133 ng
RT: 5.569 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF143446.D
Acq: 19 Aug 2025 10:05



Tgt Ion:112 Resp: 988220
Ion Ratio Lower Upper
112 100
64 65.3 52.2 78.2
63 33.9 27.0 40.6



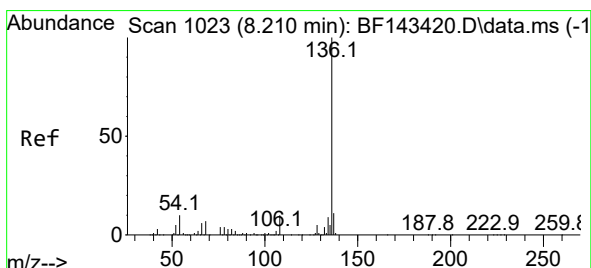
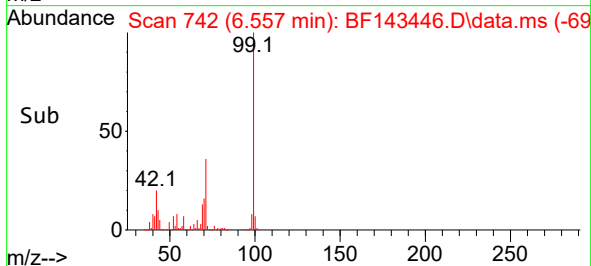
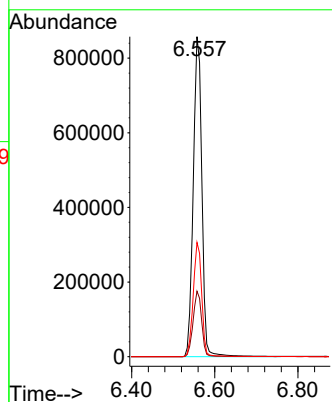
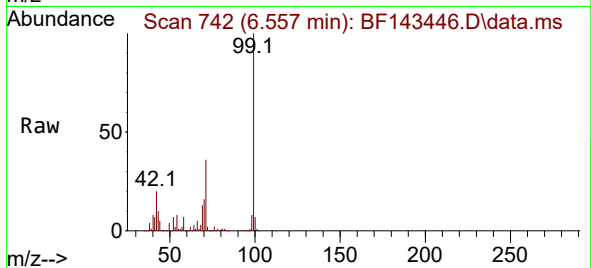


#7
Phenol-d6
Concen: 128.036 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF143446.D
Acq: 19 Aug 2025 10:05

Instrument :
BNA_F
ClientSampleId :
PB169285BL

Tgt Ion: 99 Resp: 1234802

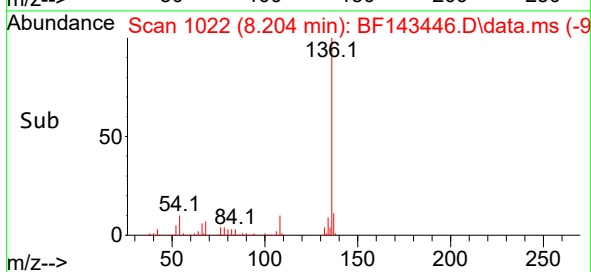
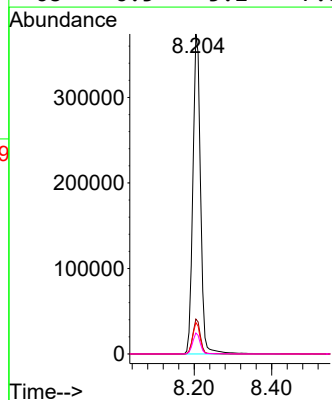
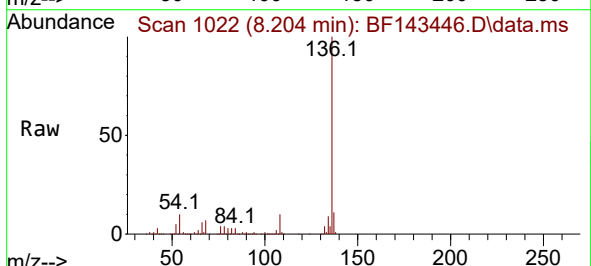
Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.0	25.6
71	35.7	27.4	41.2

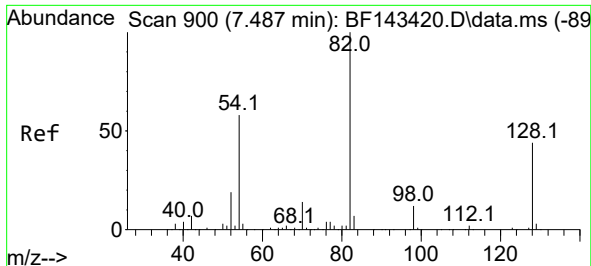


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143446.D
Acq: 19 Aug 2025 10:05

Tgt Ion: 136 Resp: 514311

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.8	7.8	11.8
68	6.5	5.2	7.8





#23

Nitrobenzene-d5

Concen: 95.568 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF143446.D

Acq: 19 Aug 2025 10:05

Instrument :

BNA_F

ClientSampleId :

PB169285BL

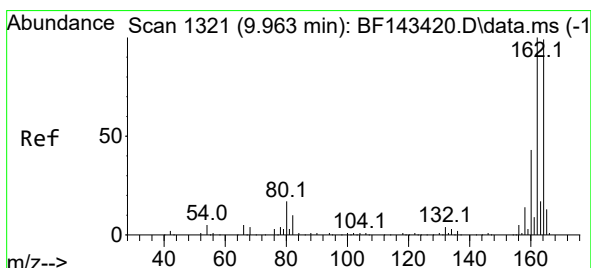
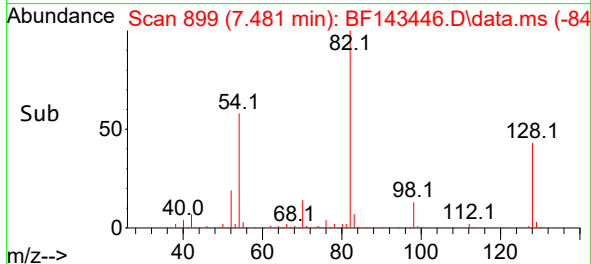
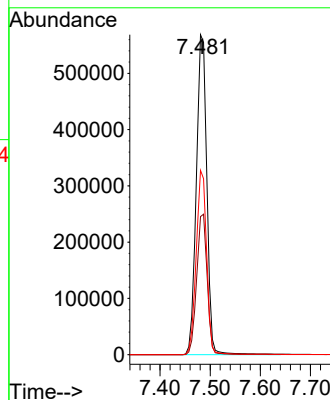
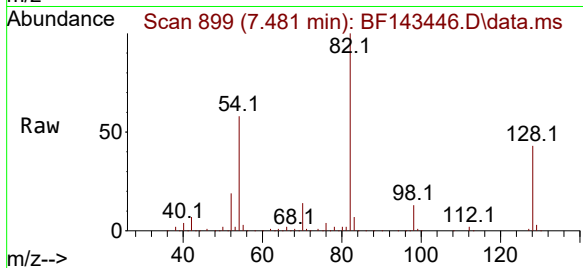
Tgt Ion: 82 Resp: 828324

Ion Ratio Lower Upper

82 100

128 43.2 34.6 52.0

54 57.6 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: BF143446.D

Acq: 19 Aug 2025 10:05

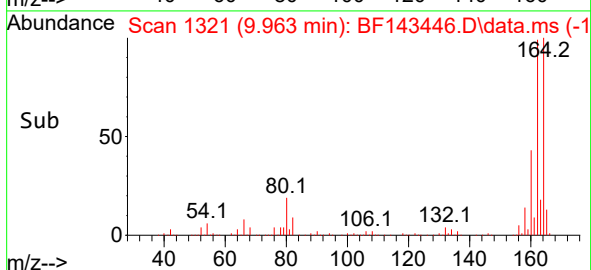
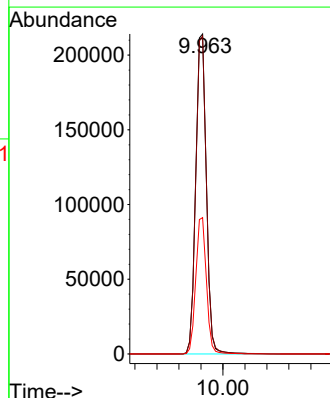
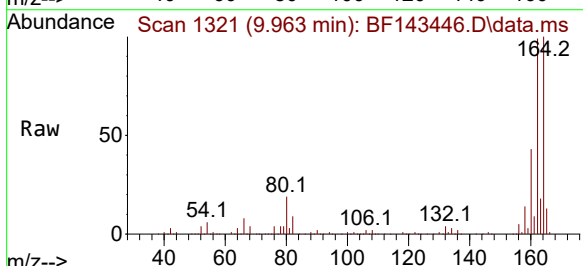
Tgt Ion:164 Resp: 286595

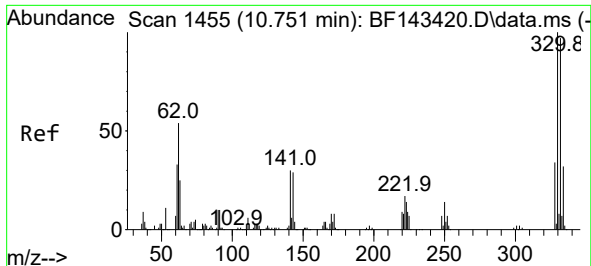
Ion Ratio Lower Upper

164 100

162 99.4 80.6 121.0

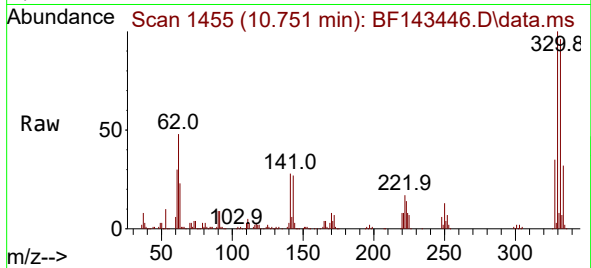
160 42.6 34.6 51.8



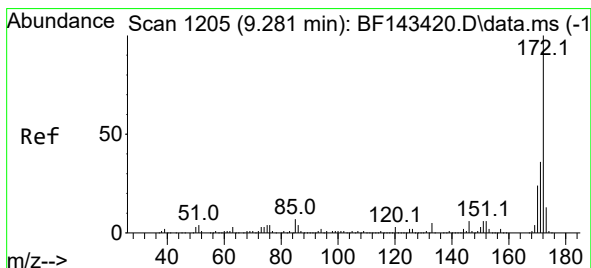
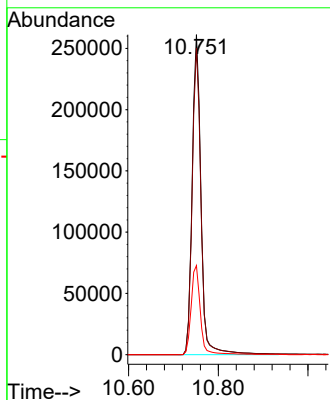
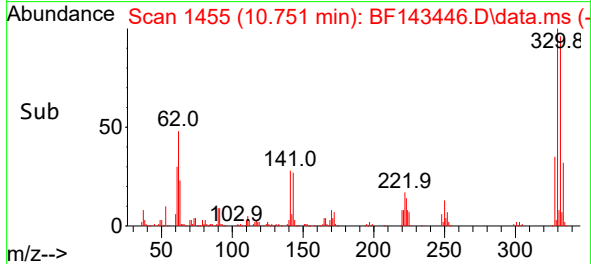


#42
2,4,6-Tribromophenol
Concen: 139.619 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF143446.D
Acq: 19 Aug 2025 10:05

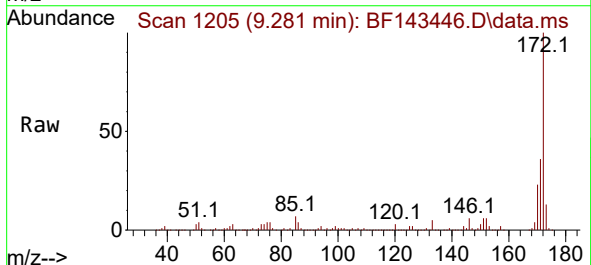
Instrument :
BNA_F
ClientSampleId :
PB169285BL



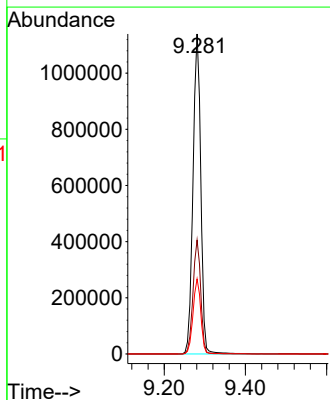
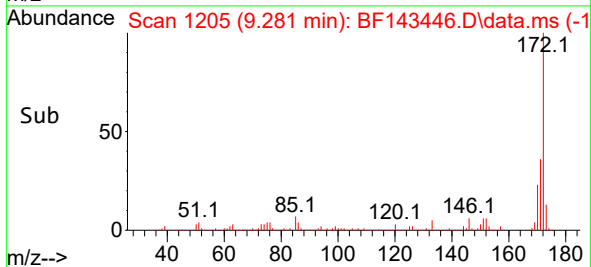
Tgt Ion:330 Resp: 356155
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 29.5 24.1 36.1

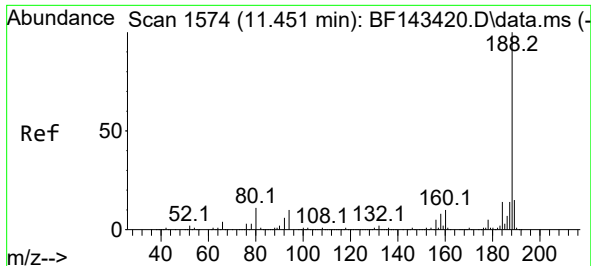


#45
2-Fluorobiphenyl
Concen: 89.824 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF143446.D
Acq: 19 Aug 2025 10:05



Tgt Ion:172 Resp: 1530513
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.5 19.0 28.6

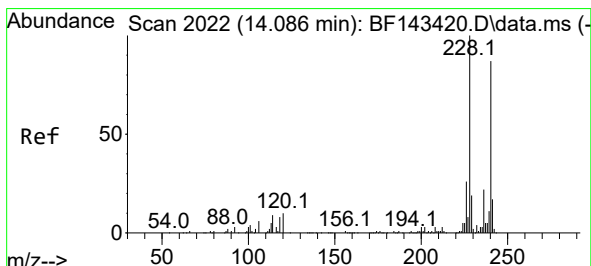
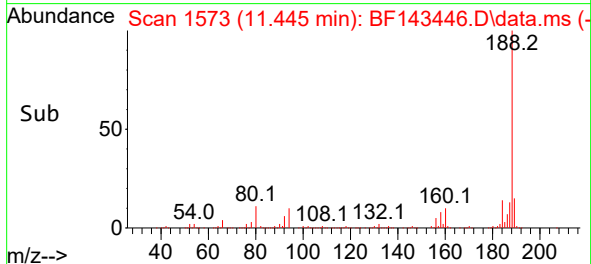
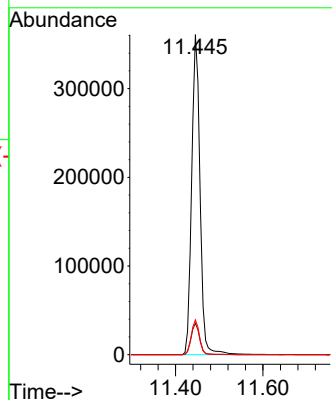
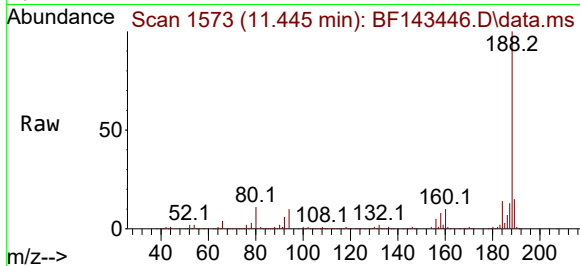




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143446.D
Acq: 19 Aug 2025 10:05

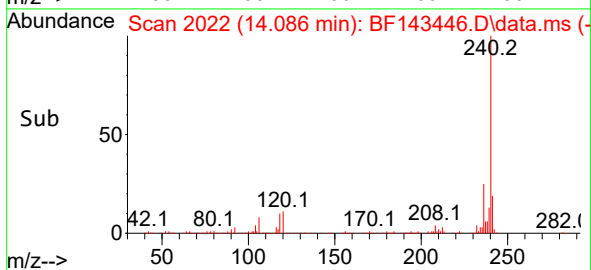
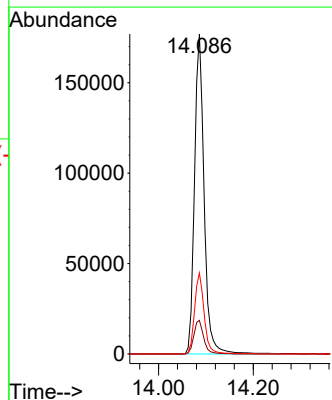
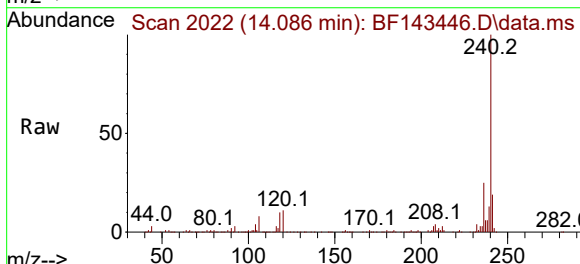
Instrument :
BNA_F
ClientSampleId :
PB169285BL

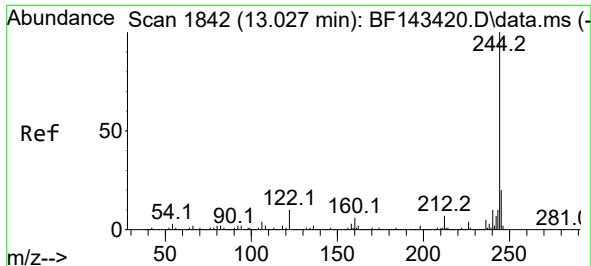
Tgt Ion:188 Resp: 476673
Ion Ratio Lower Upper
188 100
94 9.9 8.0 12.0
80 10.9 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF143446.D
Acq: 19 Aug 2025 10:05

Tgt Ion:240 Resp: 249909
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 25.3 20.2 30.2

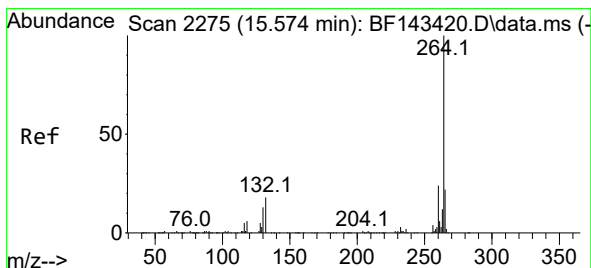
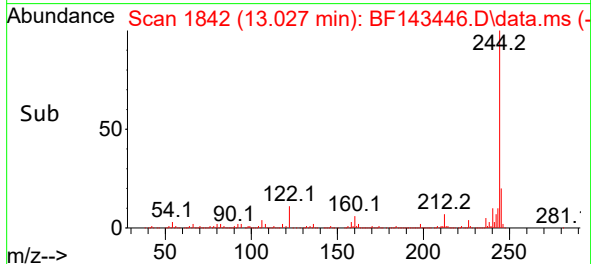
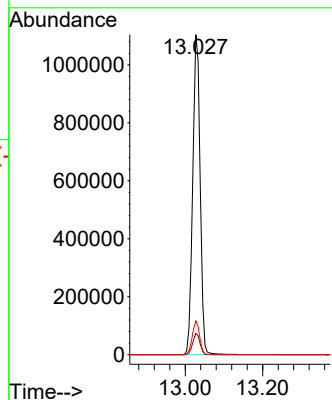
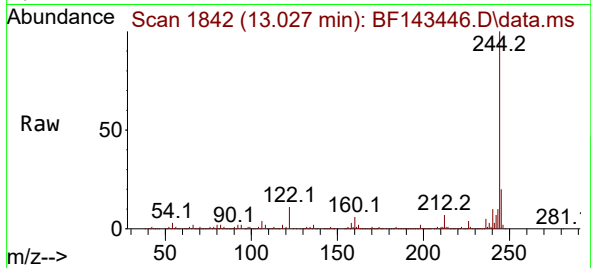




#79
 Terphenyl-d14
 Concen: 98.660 ng
 RT: 13.027 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143446.D
 Acq: 19 Aug 2025 10:05

Instrument :
 BNA_F
 ClientSampleId :
 PB169285BL

Tgt Ion:244 Resp: 1467739
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.5 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: BF143446.D
 Acq: 19 Aug 2025 10:05

Tgt Ion:264 Resp: 256798
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.5 17.4 26.0

