

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143468.D
 Acq On : 19 Aug 2025 21:50
 Operator : RC/JU
 Sample : PB169312BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169312BL

Quant Time: Aug 20 01:14:31 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	139130	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	543396	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	317480	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	553533	20.000	ng	0.00
76) Chrysene-d12	14.086	240	322556	20.000	ng	0.00
86) Perylene-d12	15.580	264	284412	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	961417	120.122	ng	0.02
7) Phenol-d6	6.563	99	1218650	120.820	ng	0.00
23) Nitrobenzene-d5	7.487	82	806322	88.050	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	387554	137.148	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1561611	82.733	ng	0.00
79) Terphenyl-d14	13.033	244	1729239	90.058	ng	0.00

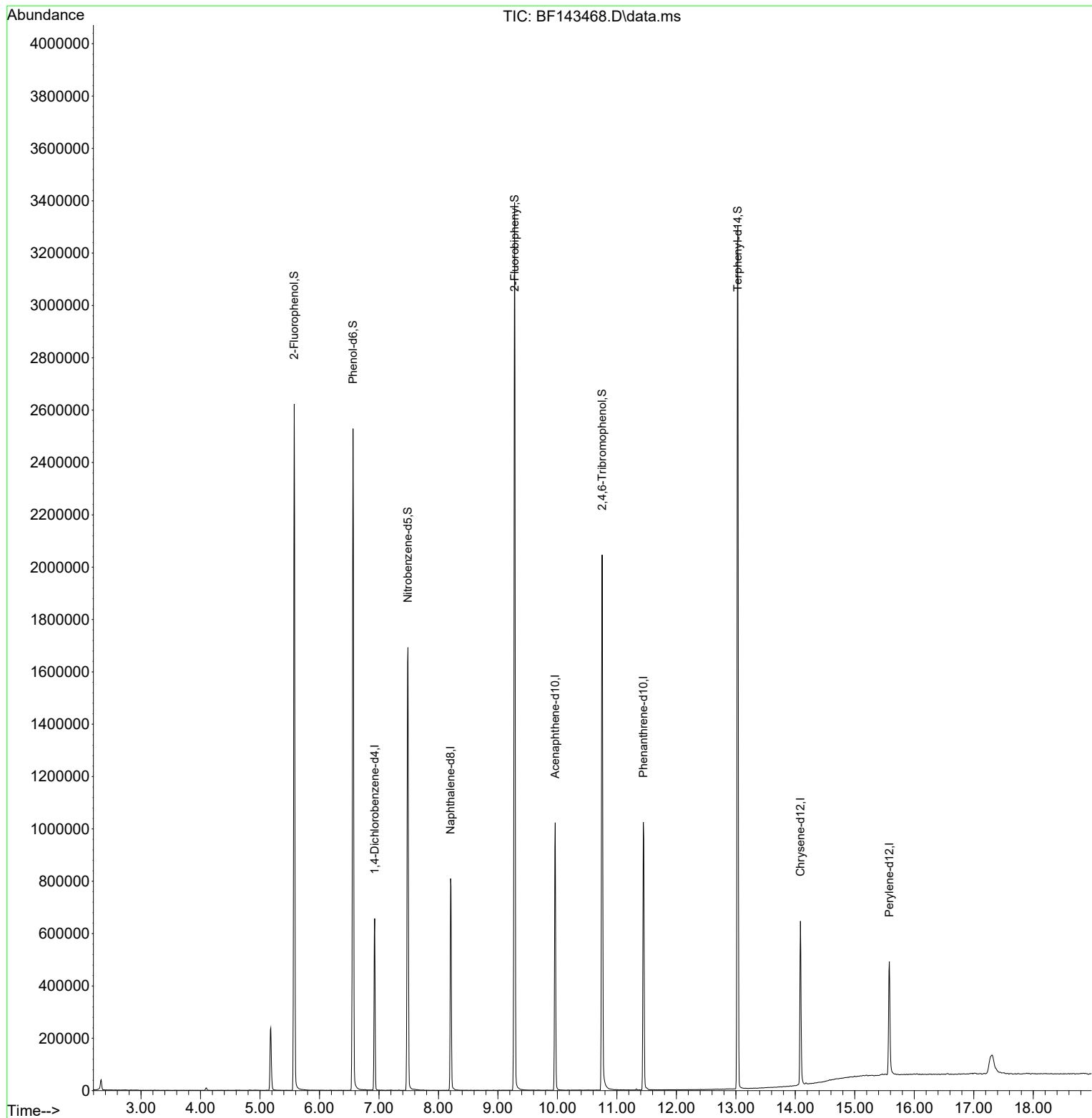
Target Compounds	Qvalue

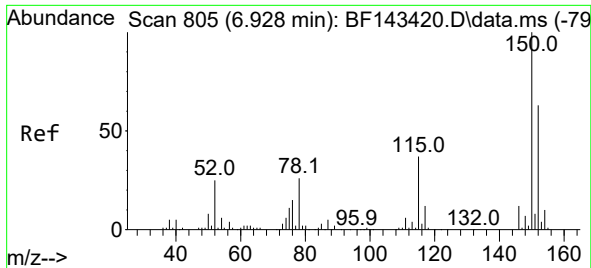
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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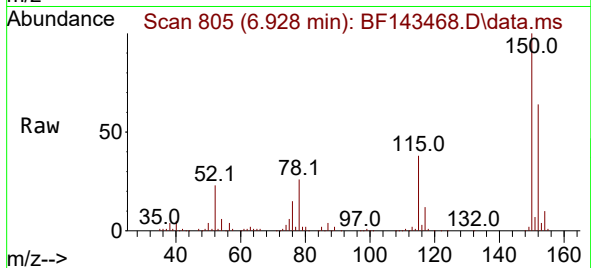
Quant Time: Aug 20 01:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
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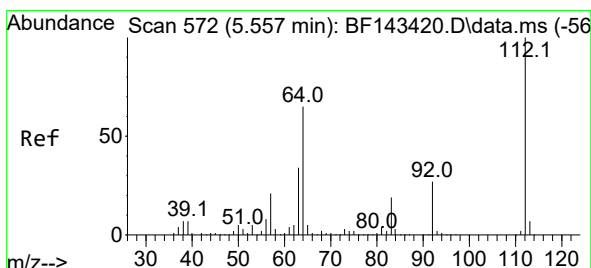
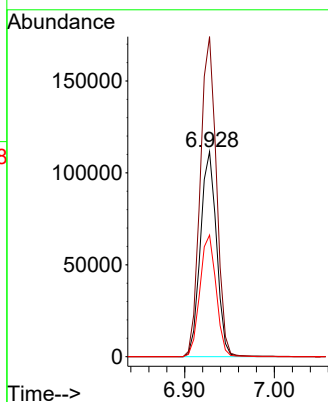
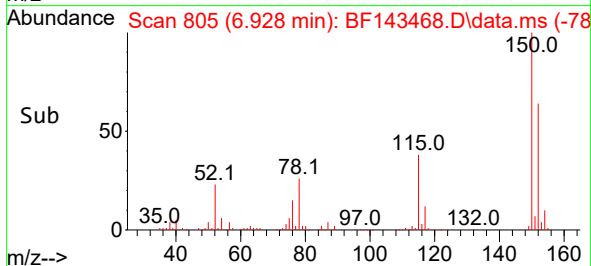


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143468.D
Acq: 19 Aug 2025 21:50

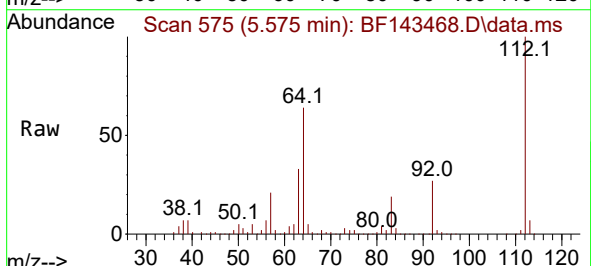
Instrument :
BNA_F
ClientSampleId :
PB169312BL



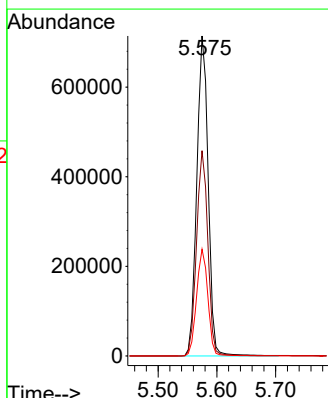
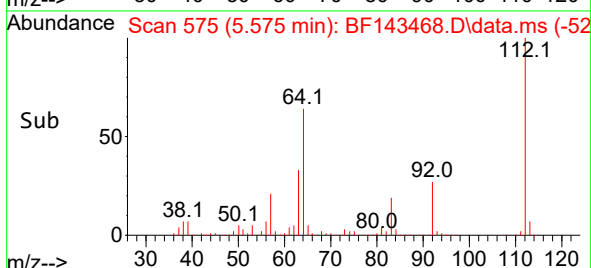
Tgt Ion:152 Resp: 139130
Ion Ratio Lower Upper
152 100
150 156.1 127.4 191.2
115 59.4 47.5 71.3

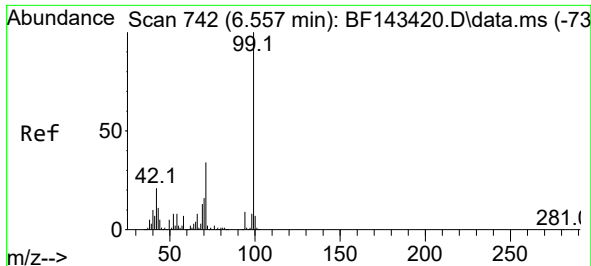


#5
2-Fluorophenol
Concen: 120.122 ng
RT: 5.575 min Scan# 575
Delta R.T. 0.017 min
Lab File: BF143468.D
Acq: 19 Aug 2025 21:50



Tgt Ion:112 Resp: 961417
Ion Ratio Lower Upper
112 100
64 64.2 52.2 78.2
63 33.4 27.0 40.6

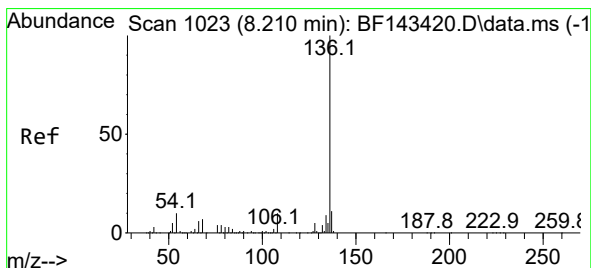
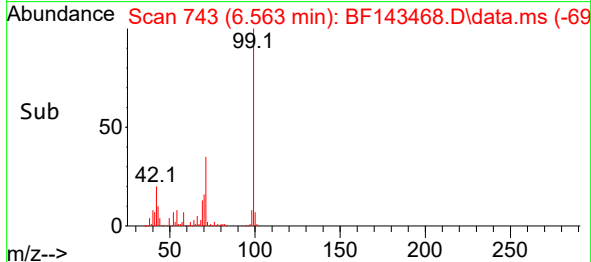
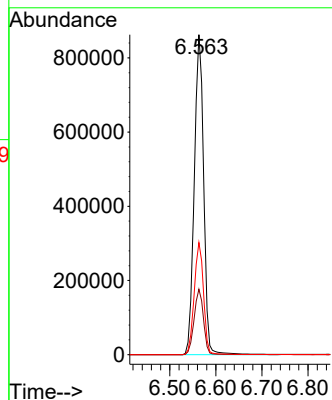
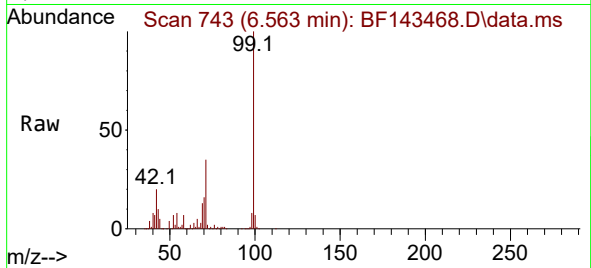




#7
Phenol-d6
Concen: 120.820 ng
RT: 6.563 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF143468.D
Acq: 19 Aug 2025 21:50

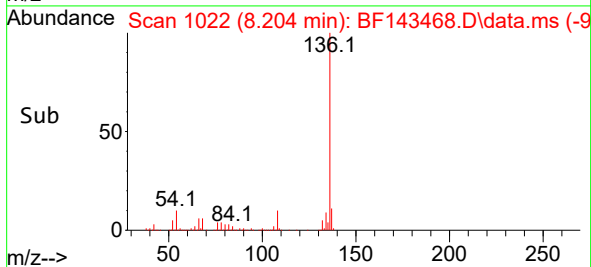
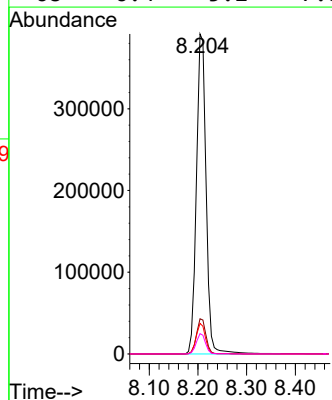
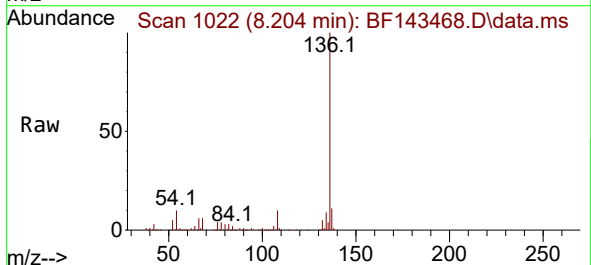
Instrument :
BNA_F
ClientSampleId :
PB169312BL

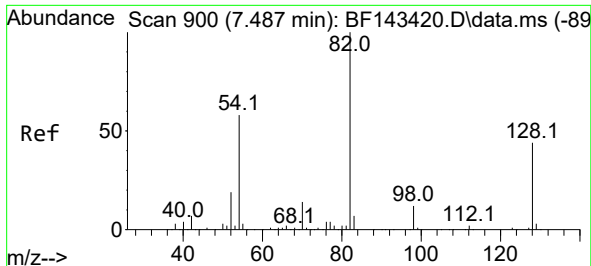
Tgt Ion: 99 Resp: 1218650
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 35.1 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143468.D
Acq: 19 Aug 2025 21:50

Tgt Ion: 136 Resp: 543396
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.5 7.8 11.8
68 6.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 88.050 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF143468.D

Acq: 19 Aug 2025 21:50

Instrument :

BNA_F

ClientSampleId :

PB169312BL

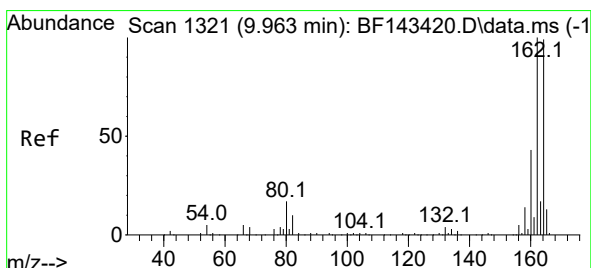
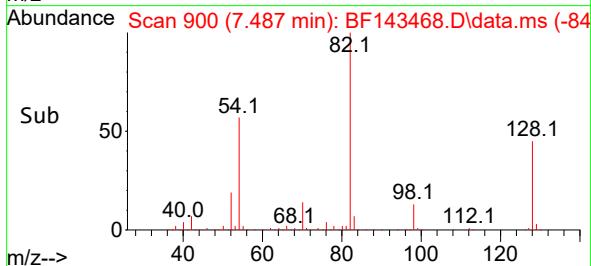
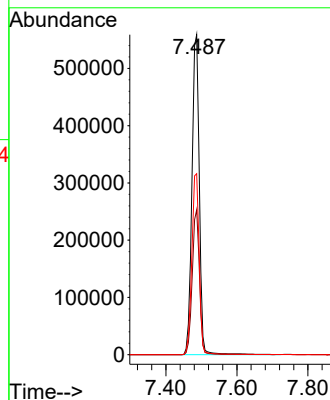
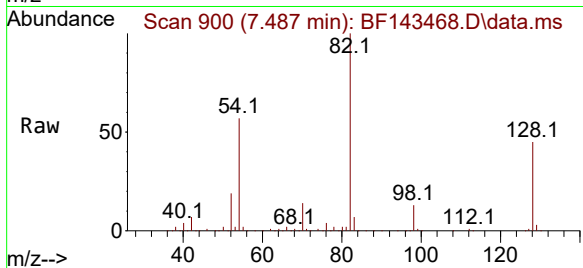
Tgt Ion: 82 Resp: 806322

Ion Ratio Lower Upper

82 100

128 45.3 34.6 52.0

54 56.5 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: BF143468.D

Acq: 19 Aug 2025 21:50

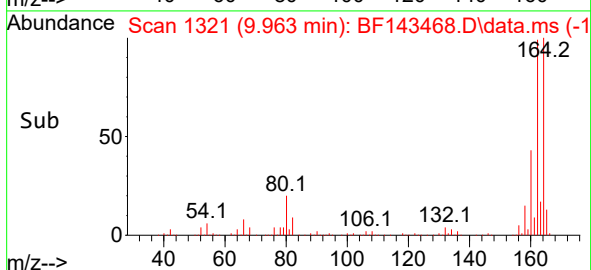
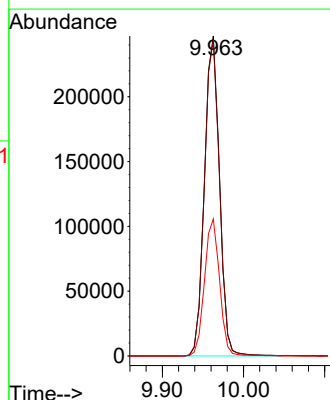
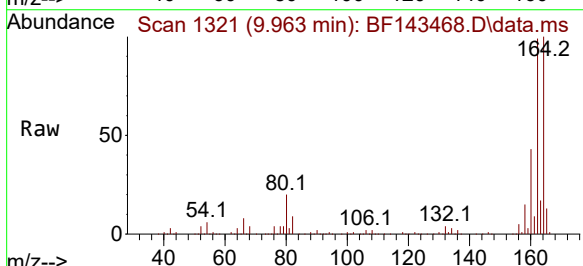
Tgt Ion:164 Resp: 317480

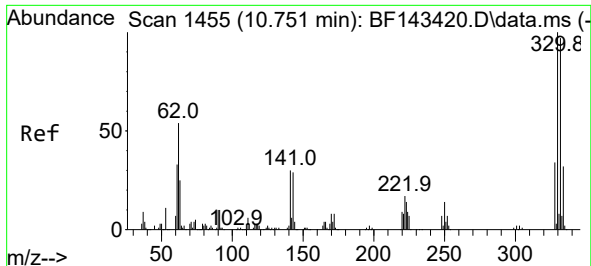
Ion Ratio Lower Upper

164 100

162 98.7 80.6 121.0

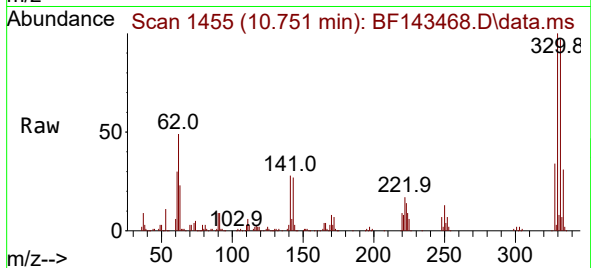
160 42.8 34.6 51.8



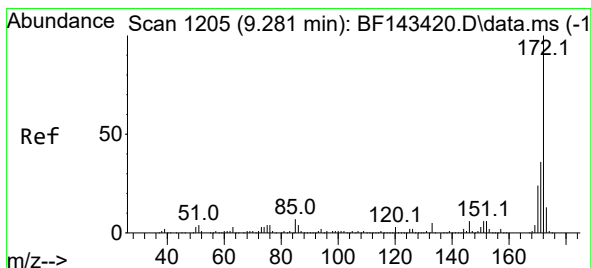
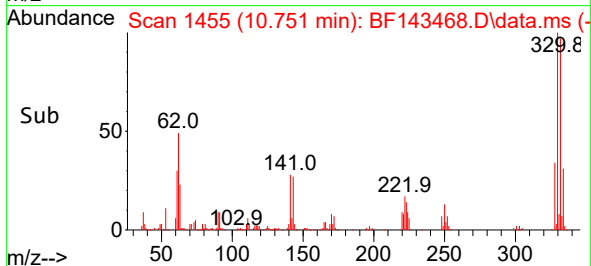
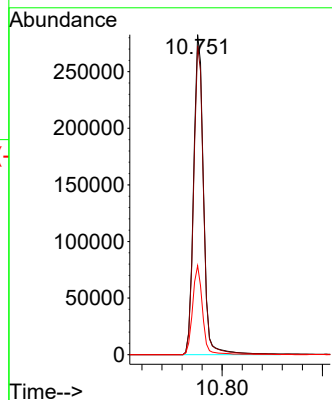


#42
2,4,6-Tribromophenol
Concen: 137.148 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF143468.D
Acq: 19 Aug 2025 21:50

Instrument :
BNA_F
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PB169312BL

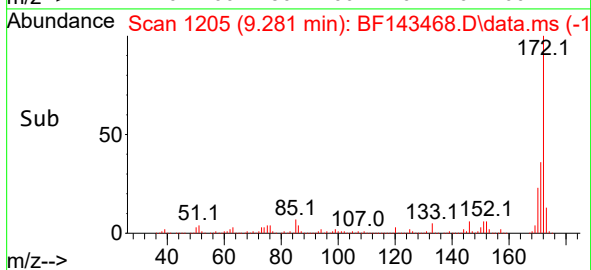
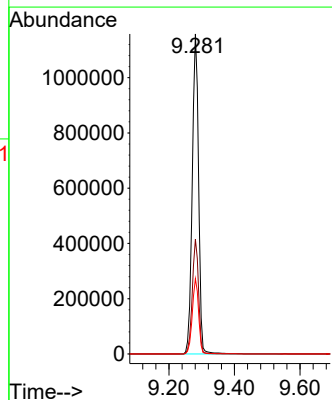
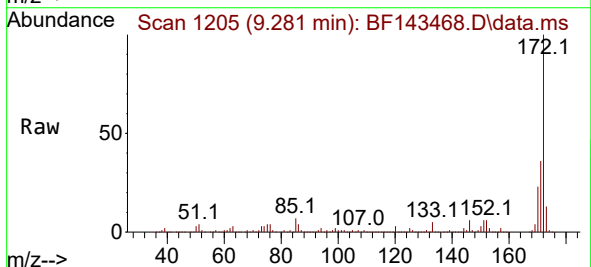


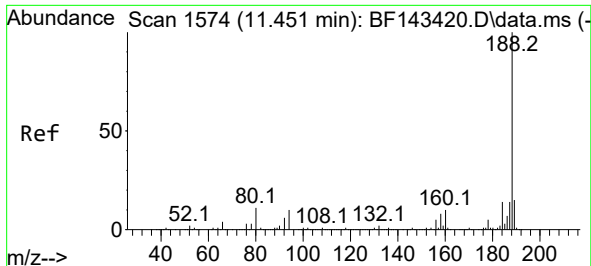
Tgt Ion:330 Resp: 387554
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 28.0 24.1 36.1



#45
2-Fluorobiphenyl
Concen: 82.733 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF143468.D
Acq: 19 Aug 2025 21:50

Tgt Ion:172 Resp: 1561611
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.5 19.0 28.6

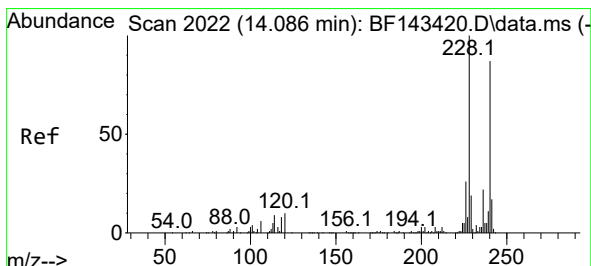
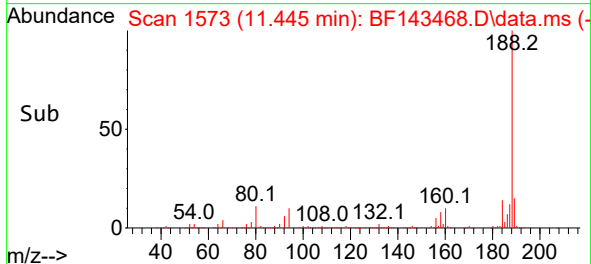
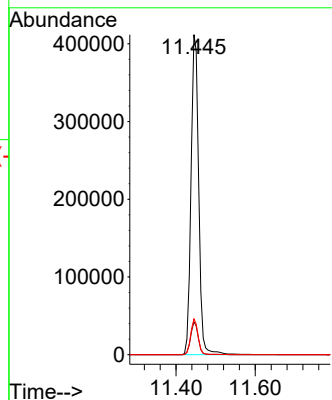
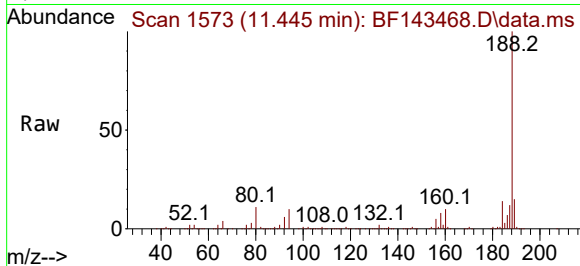




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143468.D
Acq: 19 Aug 2025 21:50

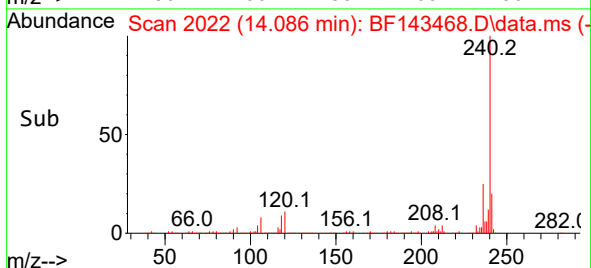
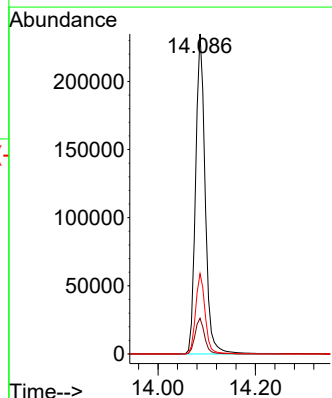
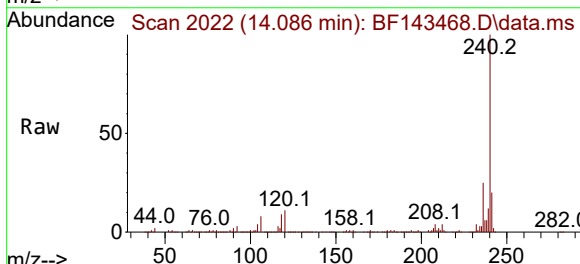
Instrument :
BNA_F
ClientSampleId :
PB169312BL

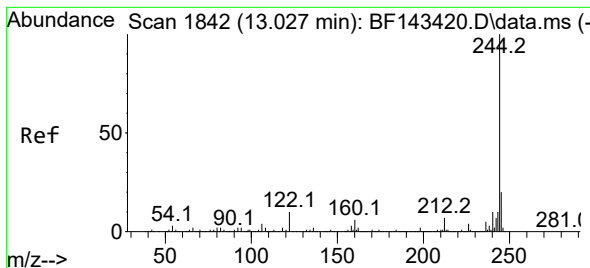
Tgt Ion:188 Resp: 553533
Ion Ratio Lower Upper
188 100
94 10.2 8.0 12.0
80 11.2 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF143468.D
Acq: 19 Aug 2025 21:50

Tgt Ion:240 Resp: 322556
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 25.1 20.2 30.2





#79

Terphenyl-d14

Concen: 90.058 ng

RT: 13.033 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF143468.D

Acq: 19 Aug 2025 21:50

Instrument :

BNA_F

ClientSampleId :

PB169312BL

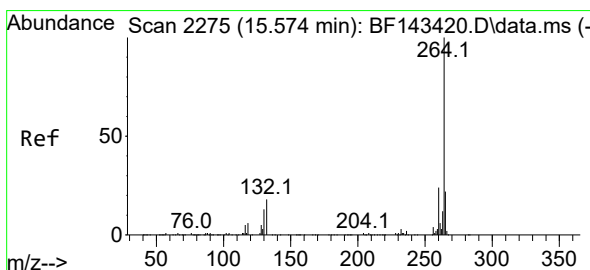
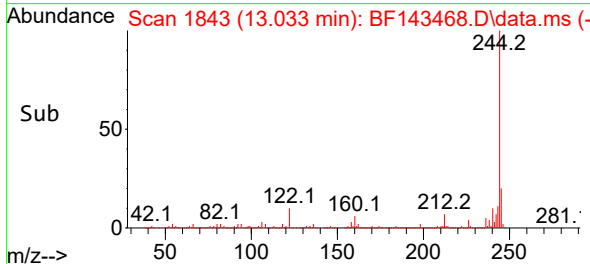
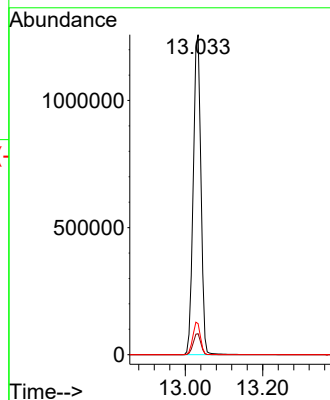
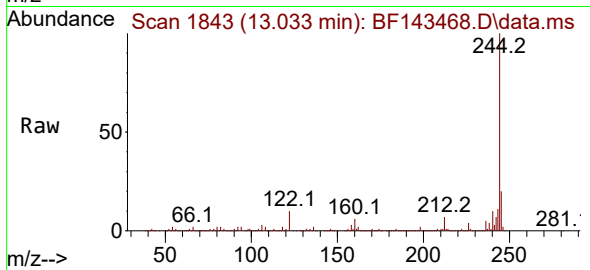
Tgt Ion:244 Resp: 1729239

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 9.7 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF143468.D

Acq: 19 Aug 2025 21:50

Tgt Ion:264 Resp: 284412

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.9 17.4 26.0

