

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142677.D
 Acq On : 07 Jun 2025 08:02
 Operator : RC/JU
 Sample : Q2241-05
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-S

Quant Time: Jun 09 01:03:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	132276	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	468238	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	200702	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	283173	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	283890	20.000	ng	-0.01
86) Perylene-d12	15.557	264	216938	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	544649	69.370	ng	0.00
7) Phenol-d6	6.516	99	654848	69.288	ng	-0.02
23) Nitrobenzene-d5	7.451	82	381747	44.456	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	132916	59.669	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	750252	50.161	ng	-0.02
79) Terphenyl-d14	13.004	244	625290	30.099	ng	-0.01

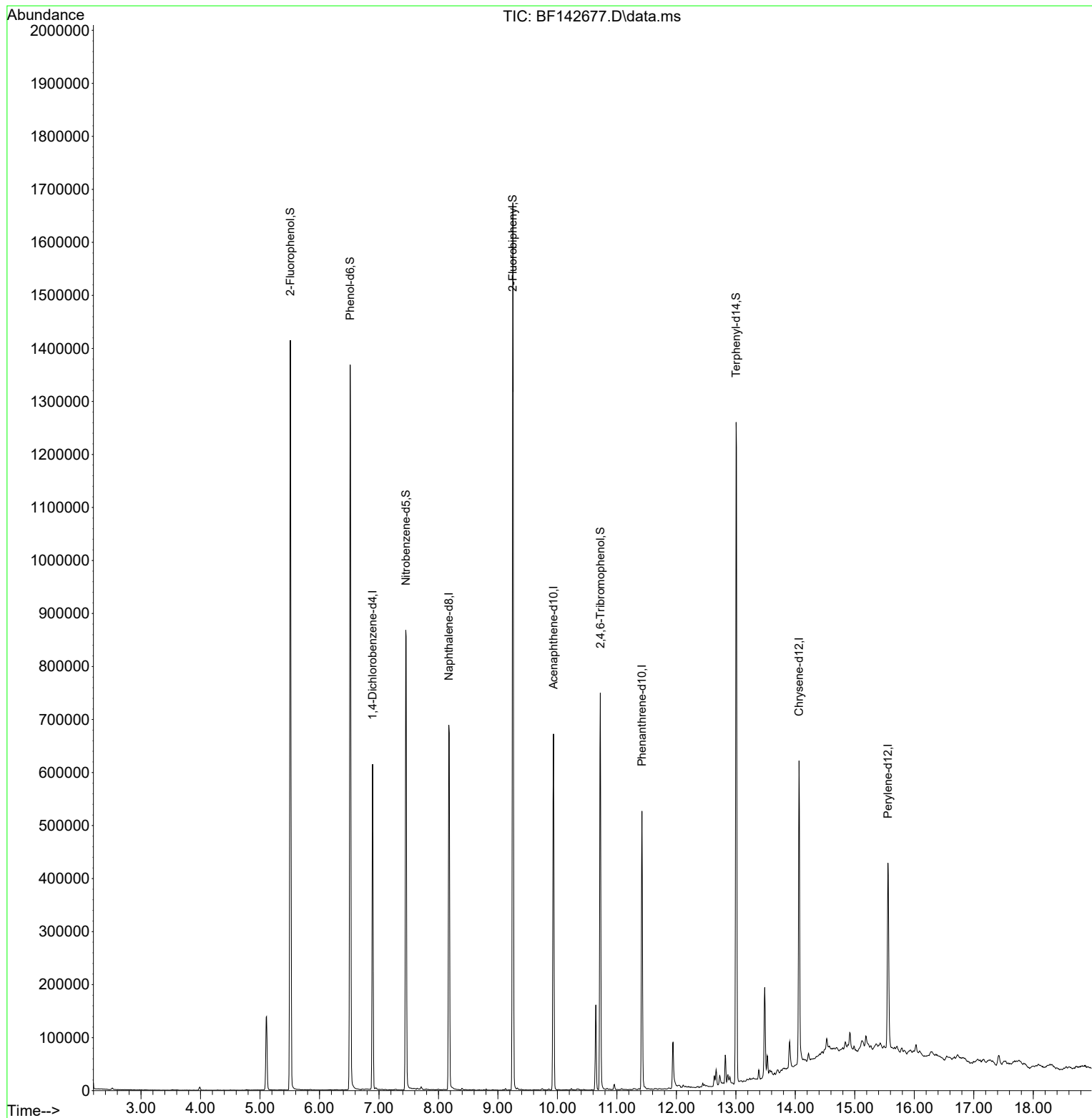
Target Compounds	Qvalue

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

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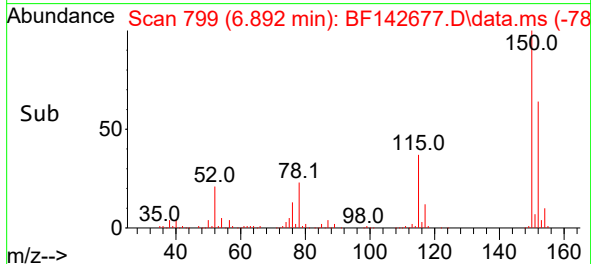
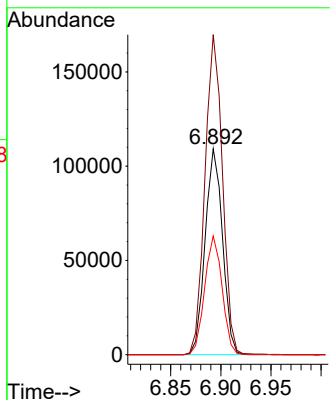
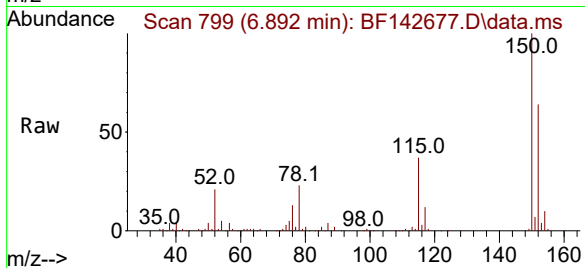




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF142677.D
Acq: 07 Jun 2025 08:02

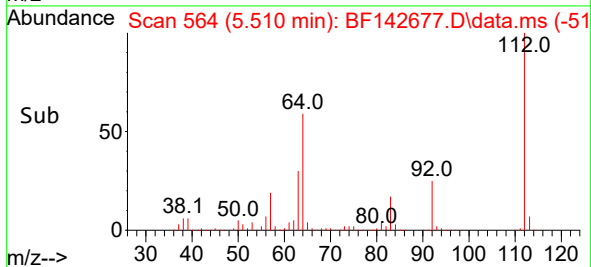
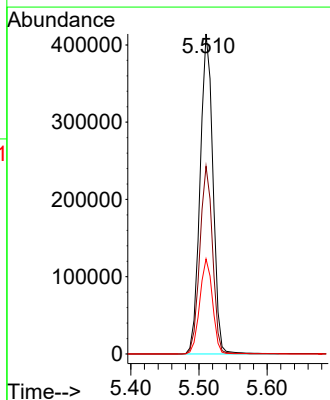
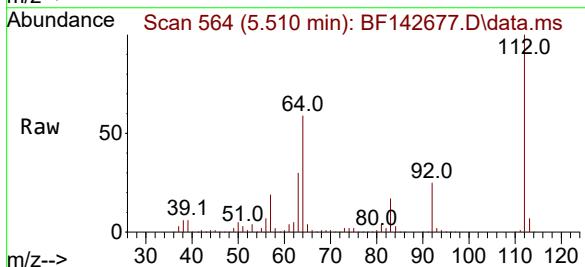
Instrument :
BNA_F
ClientSampleId :
TP-S

Tgt Ion:152 Resp: 132276
Ion Ratio Lower Upper
152 100
150 155.3 128.2 192.4
115 57.7 48.3 72.5



#5
2-Fluorophenol
Concen: 69.370 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142677.D
Acq: 07 Jun 2025 08:02

Tgt Ion:112 Resp: 544649
Ion Ratio Lower Upper
112 100
64 58.7 47.5 71.3
63 29.7 24.9 37.3

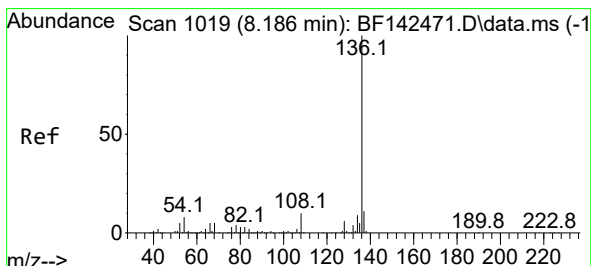
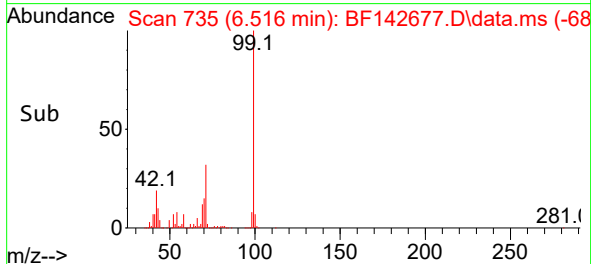
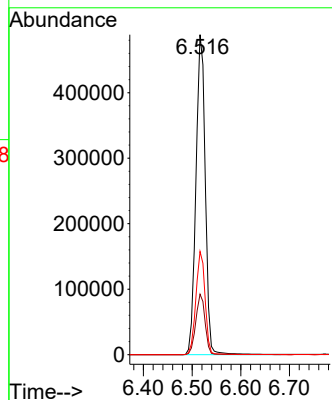
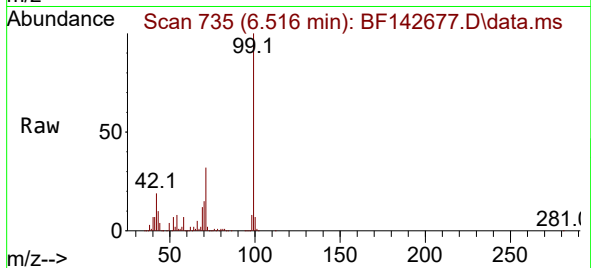




#7
Phenol-d6
Concen: 69.288 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142677.D
Acq: 07 Jun 2025 08:02

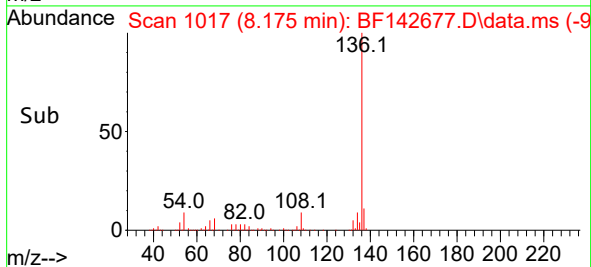
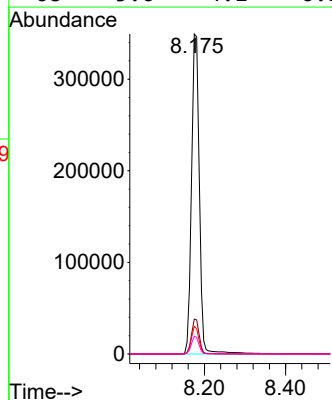
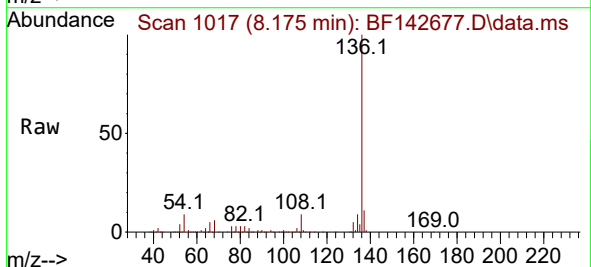
Instrument :
BNA_F
ClientSampleId :
TP-S

Tgt Ion: 99 Resp: 654848
Ion Ratio Lower Upper
99 100
42 18.9 16.2 24.2
71 32.3 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF142677.D
Acq: 07 Jun 2025 08:02

Tgt Ion: 136 Resp: 468238
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 6.6 10.0
68 5.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 44.456 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.023 min

Lab File: BF142677.D

Acq: 07 Jun 2025 08:02

Instrument :

BNA_F

ClientSampleId :

TP-S

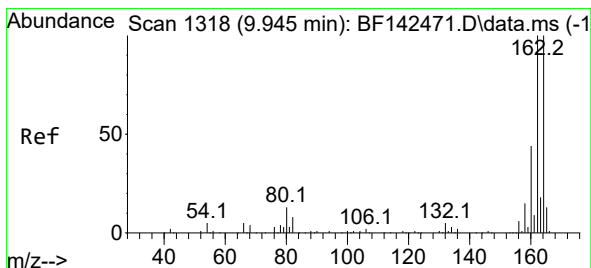
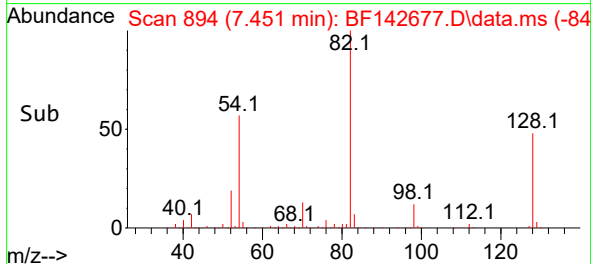
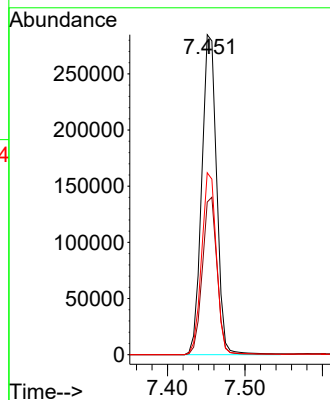
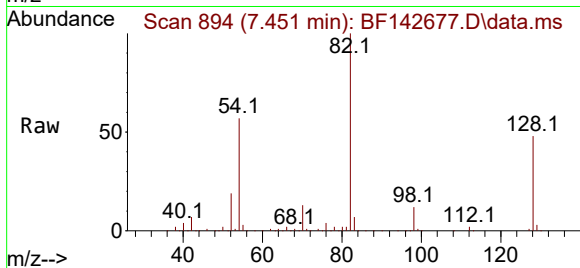
Tgt Ion: 82 Resp: 381747

Ion Ratio Lower Upper

82 100

128 47.7 37.4 56.2

54 56.9 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142677.D

Acq: 07 Jun 2025 08:02

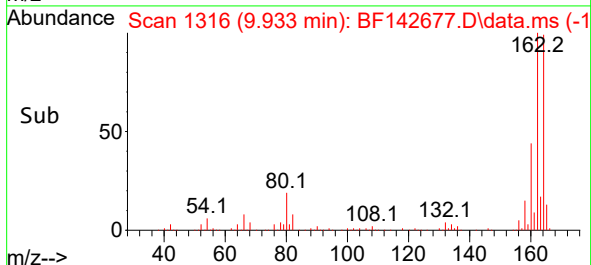
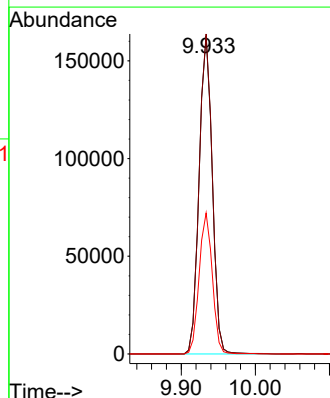
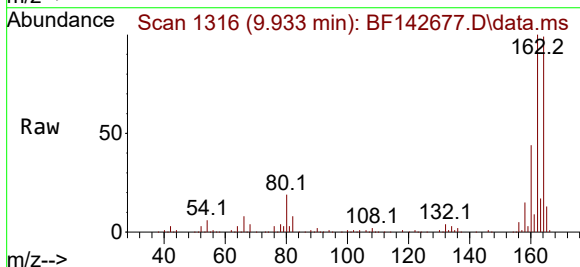
Tgt Ion:164 Resp: 200702

Ion Ratio Lower Upper

164 100

162 100.6 80.2 120.4

160 44.3 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 59.669 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.018 min

Lab File: BF142677.D

Acq: 07 Jun 2025 08:02

Instrument :

BNA_F

ClientSampleId :

TP-S

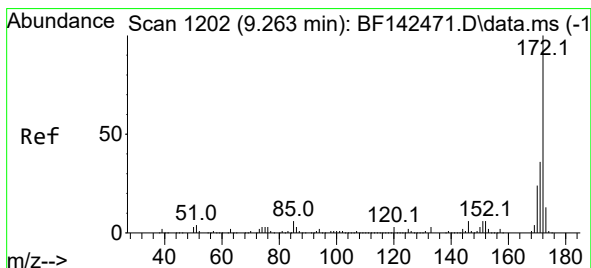
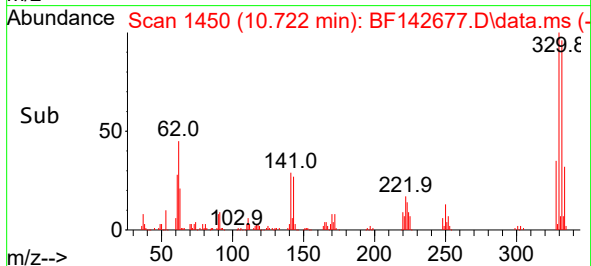
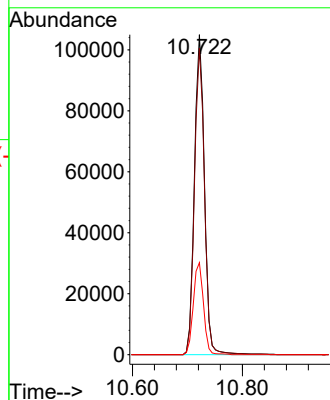
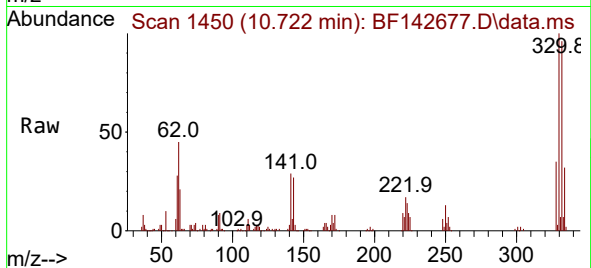
Tgt Ion:330 Resp: 132916

Ion Ratio Lower Upper

330 100

332 95.5 77.6 116.4

141 29.1 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 50.161 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.017 min

Lab File: BF142677.D

Acq: 07 Jun 2025 08:02

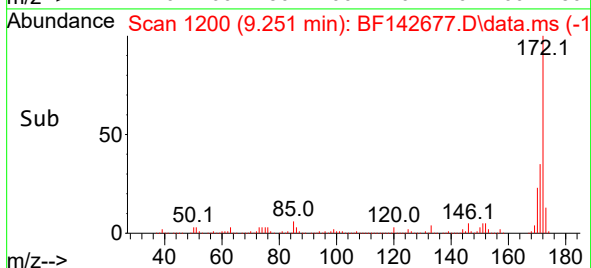
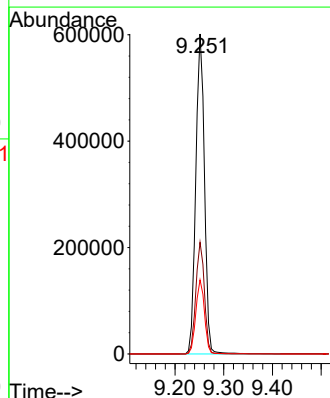
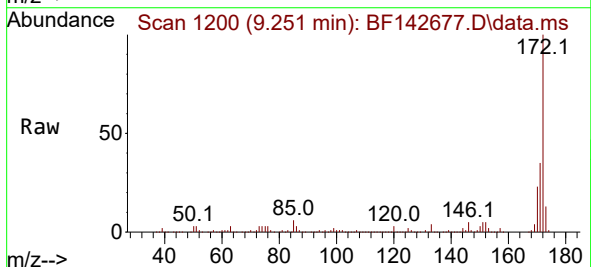
Tgt Ion:172 Resp: 750252

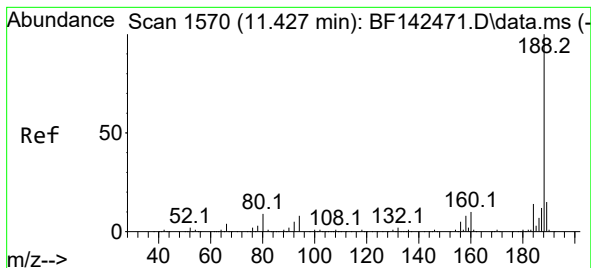
Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142677.D

Acq: 07 Jun 2025 08:02

Instrument :

BNA_F

ClientSampleId :

TP-S

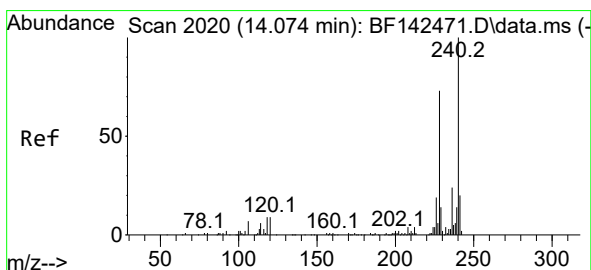
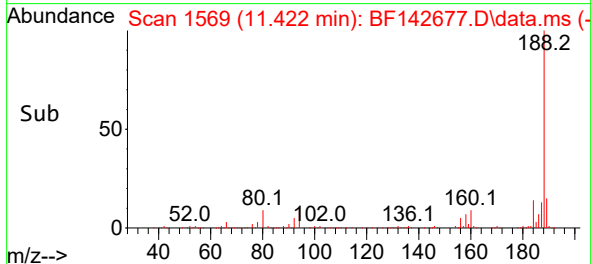
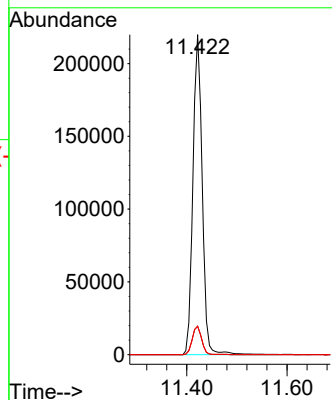
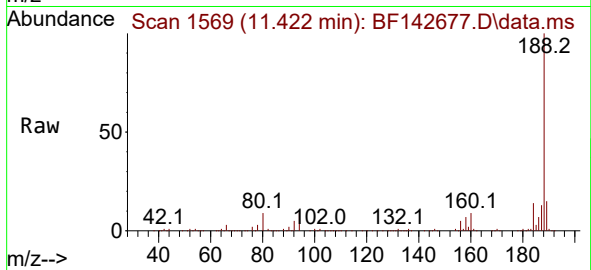
Tgt Ion:188 Resp: 283173

Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 8.9 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF142677.D

Acq: 07 Jun 2025 08:02

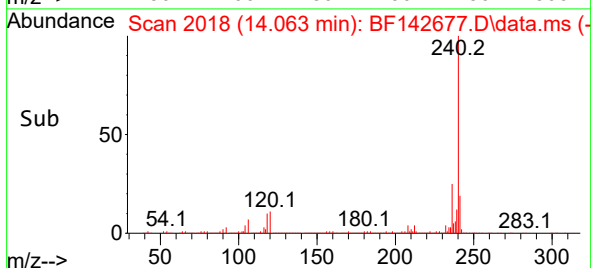
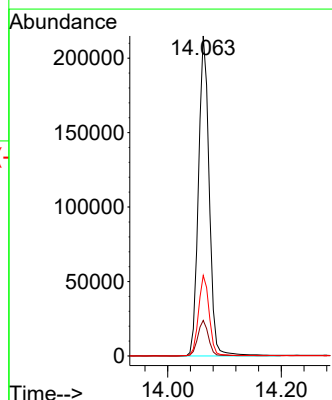
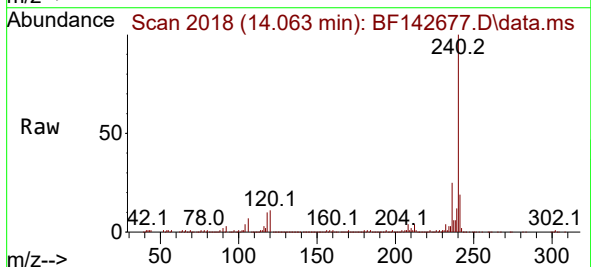
Tgt Ion:240 Resp: 283890

Ion Ratio Lower Upper

240 100

120 11.1 7.5 11.3

236 25.2 19.6 29.4





#79

Terphenyl-d14

Concen: 30.099 ng

RT: 13.004 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142677.D

Acq: 07 Jun 2025 08:02

Instrument :

BNA_F

ClientSampleId :

TP-S

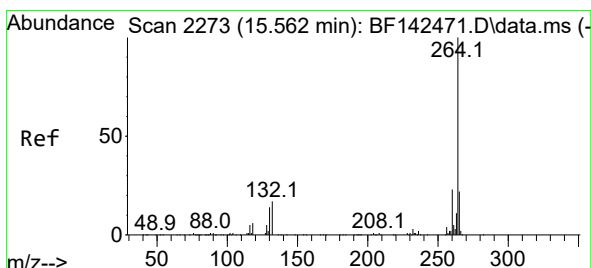
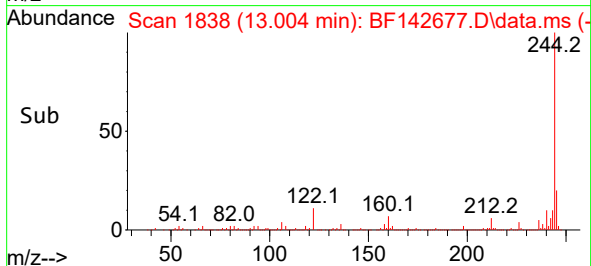
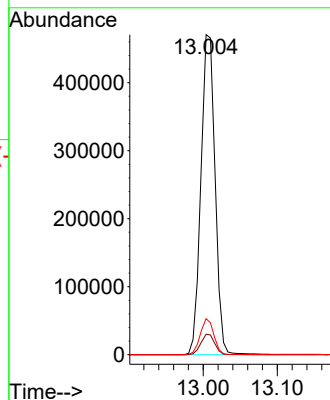
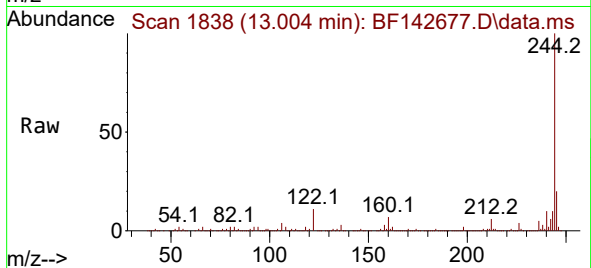
Tgt Ion:244 Resp: 625290

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

122 11.3 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF142677.D

Acq: 07 Jun 2025 08:02

Tgt Ion:264 Resp: 216938

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.3 17.7 26.5

