

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142671.D
 Acq On : 07 Jun 2025 05:07
 Operator : RC/JU
 Sample : Q2176-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-28

Quant Time: Jun 07 05:51:44 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)

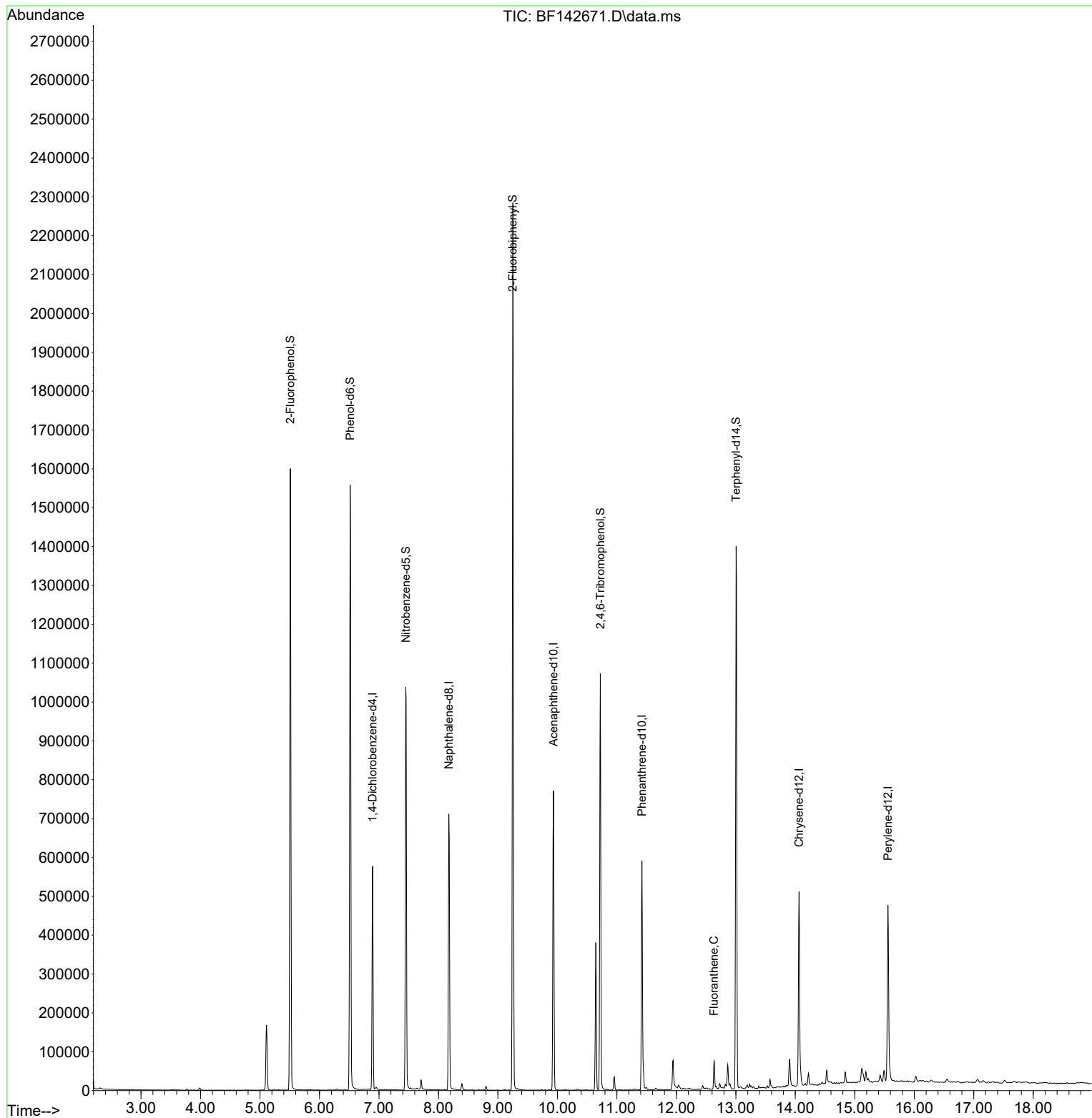
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	125012	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	466541	20.000	ng	-0.01
39) Acenaphthene-d10	9.934	164	232678	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	307984	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	240697	20.000	ng	-0.01
86) Perylene-d12	15.557	264	272610	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	616378	83.068	ng	0.00
7) Phenol-d6	6.516	99	763103	85.433	ng	-0.02
23) Nitrobenzene-d5	7.451	82	462122	54.012	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	190465	73.754	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	1025738	59.155	ng	-0.02
79) Terphenyl-d14	13.004	244	706674	40.121	ng	-0.01
Target Compounds						
75) Fluoranthene	12.633	202	44109	2.868	ng	Qvalue 98

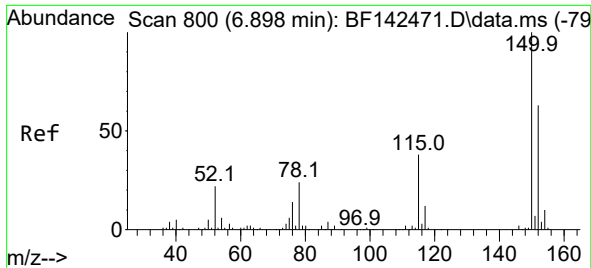
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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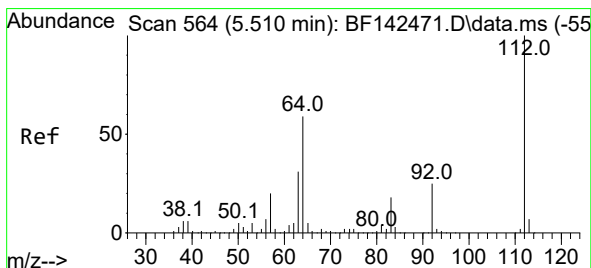
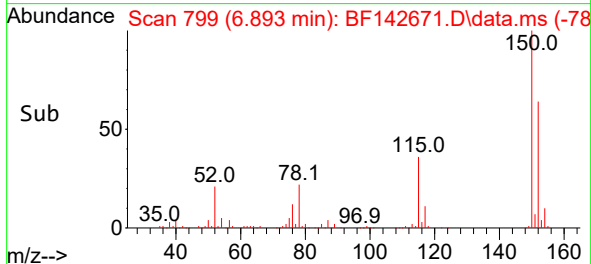
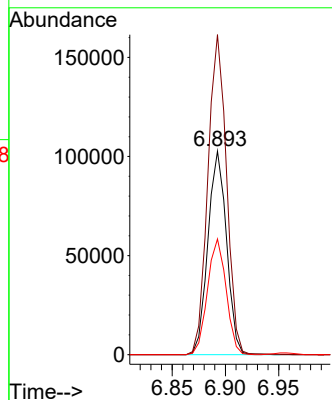
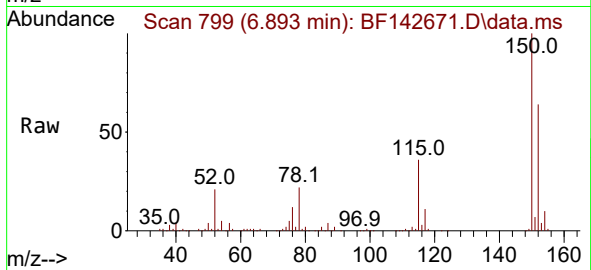




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.011 min
Lab File: BF142671.D
Acq: 07 Jun 2025 05:07

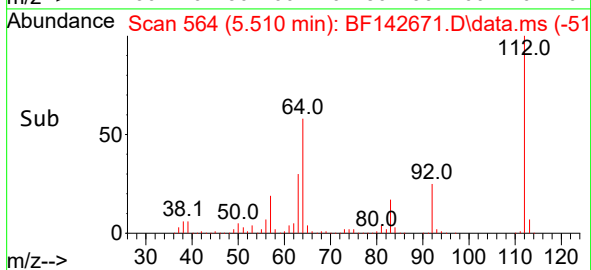
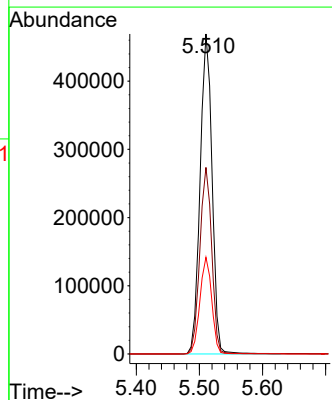
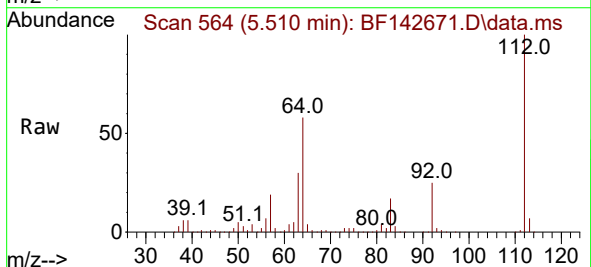
Instrument :
BNA_F
ClientSampleId :
TP-28

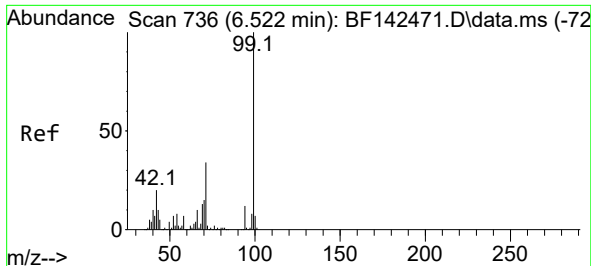
Tgt Ion:152 Resp: 125012
Ion Ratio Lower Upper
152 100
150 157.2 128.2 192.4
115 56.8 48.3 72.5



#5
2-Fluorophenol
Concen: 83.068 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142671.D
Acq: 07 Jun 2025 05:07

Tgt Ion:112 Resp: 616378
Ion Ratio Lower Upper
112 100
64 58.3 47.5 71.3
63 30.2 24.9 37.3





#7

Phenol-d6

Concen: 85.433 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF142671.D

Acq: 07 Jun 2025 05:07

Instrument :

BNA_F

ClientSampleId :

TP-28

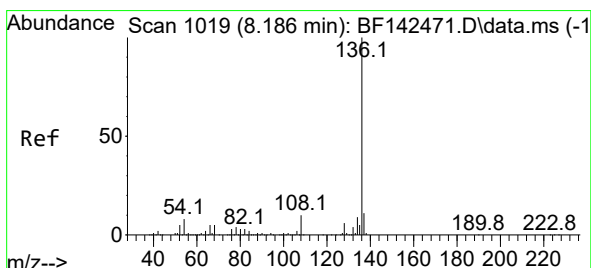
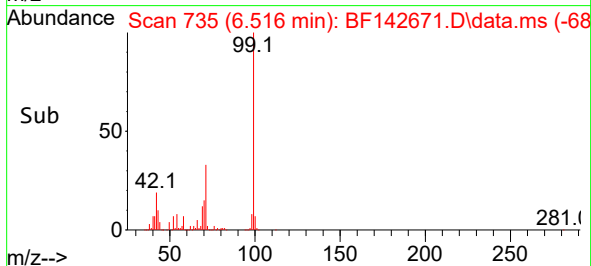
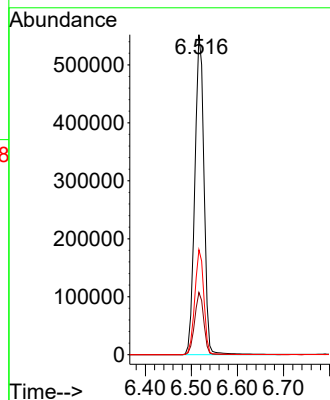
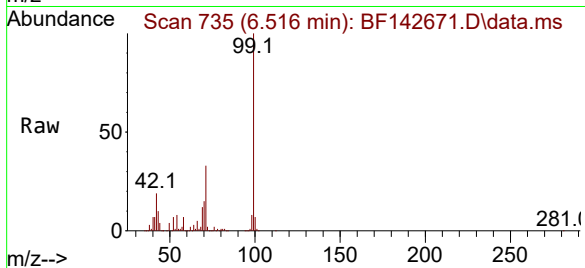
Tgt Ion: 99 Resp: 763103

Ion Ratio Lower Upper

99 100

42 19.4 16.2 24.2

71 32.8 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: BF142671.D

Acq: 07 Jun 2025 05:07

Tgt Ion: 136 Resp: 466541

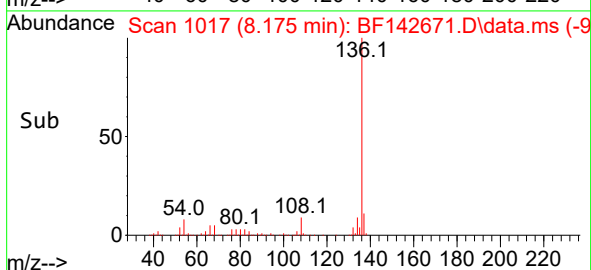
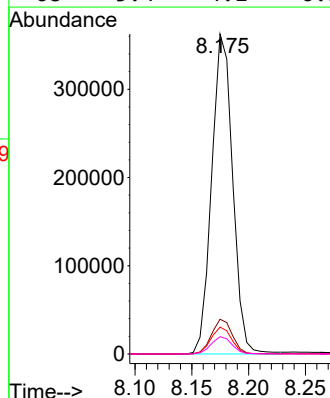
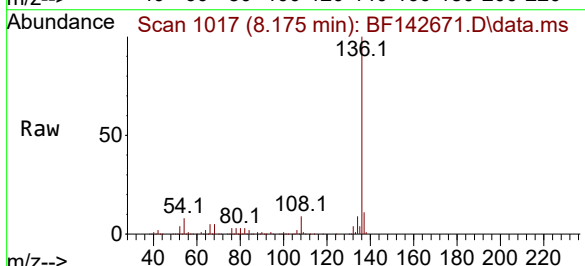
Ion Ratio Lower Upper

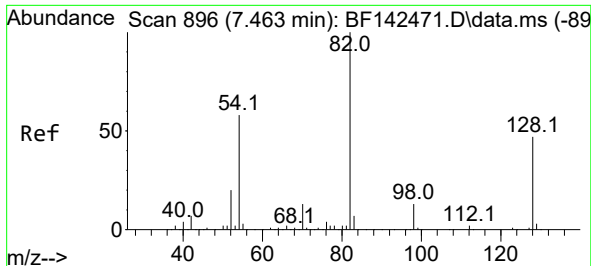
136 100

137 10.9 8.6 13.0

54 8.4 6.6 10.0

68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 54.012 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.023 min

Lab File: BF142671.D

Acq: 07 Jun 2025 05:07

Instrument :

BNA_F

ClientSampleId :

TP-28

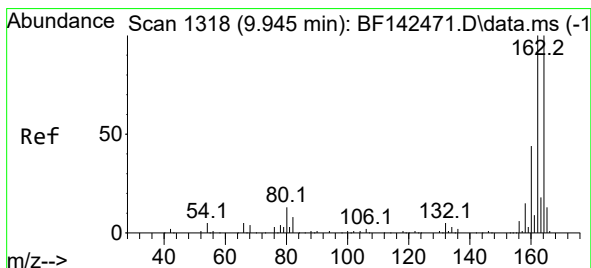
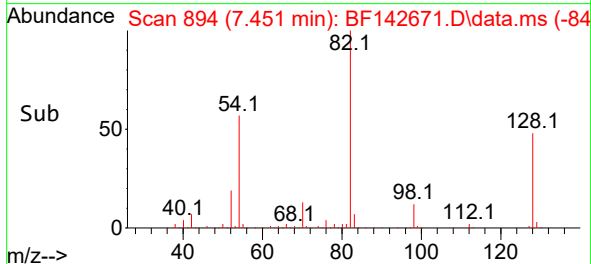
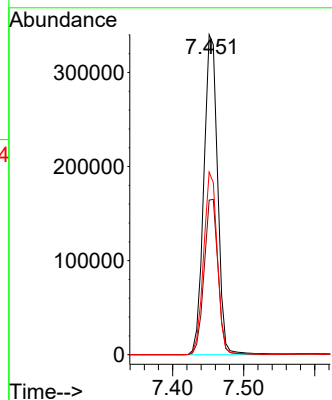
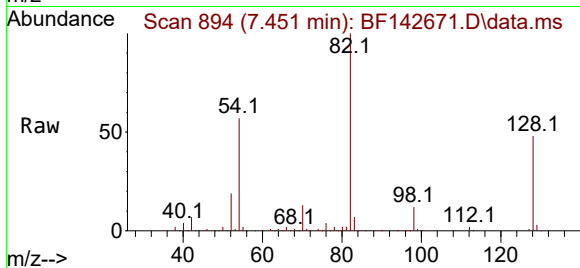
Tgt Ion: 82 Resp: 462122

Ion Ratio Lower Upper

82 100

128 48.3 37.4 56.2

54 57.0 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142671.D

Acq: 07 Jun 2025 05:07

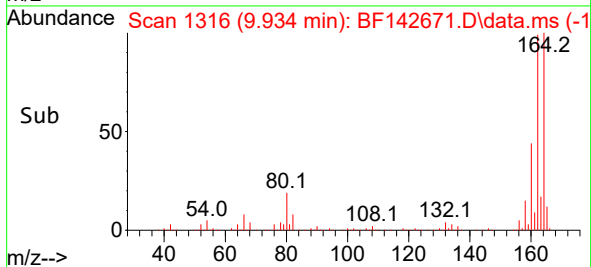
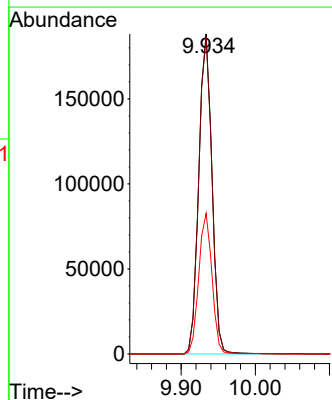
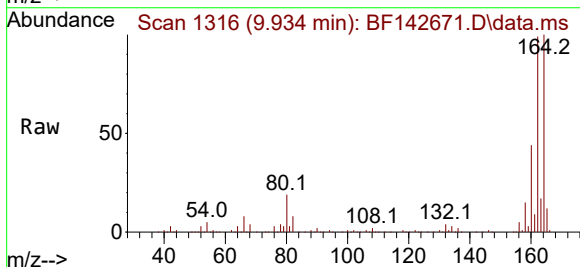
Tgt Ion:164 Resp: 232678

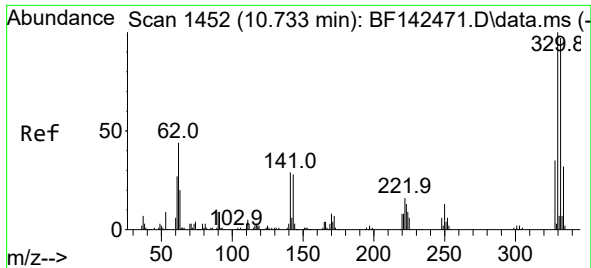
Ion Ratio Lower Upper

164 100

162 99.1 80.2 120.4

160 43.9 35.6 53.4

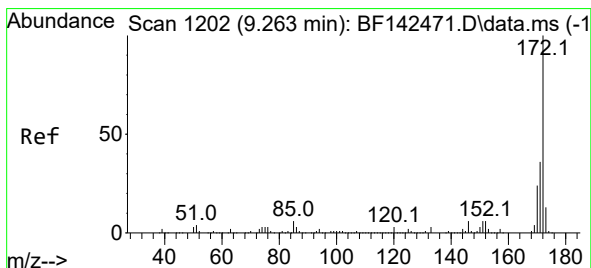
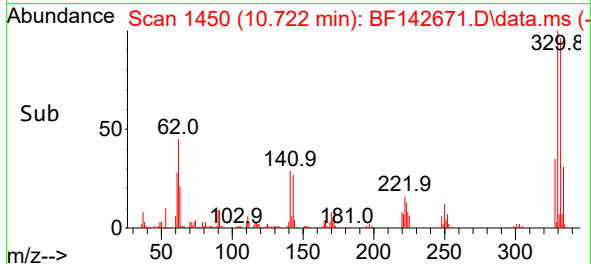
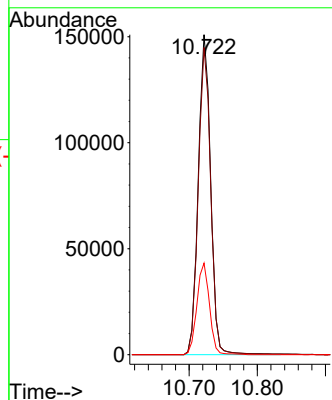
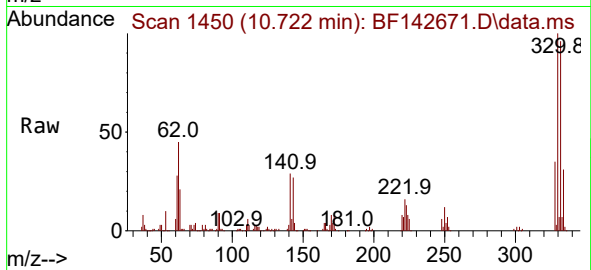




#42
 2,4,6-Tribromophenol
 Concen: 73.754 ng
 RT: 10.722 min Scan# 1450
 Delta R.T. -0.017 min
 Lab File: BF142671.D
 Acq: 07 Jun 2025 05:07

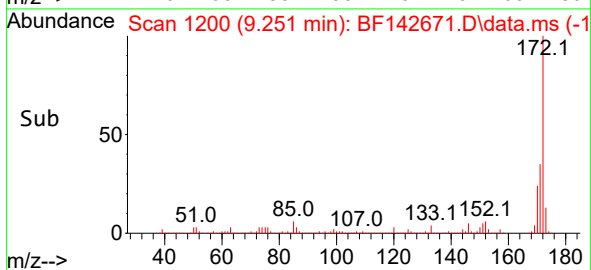
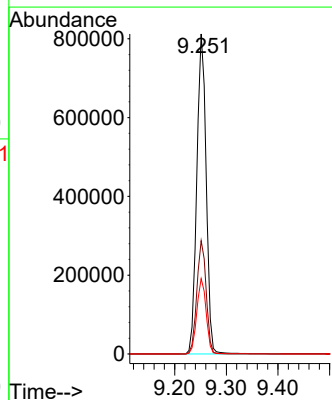
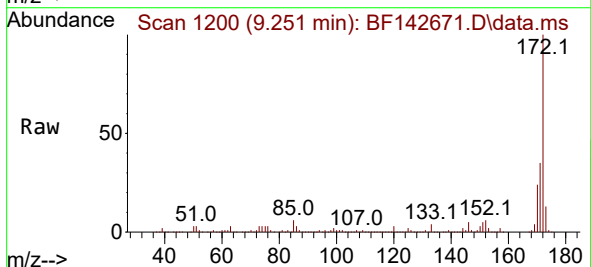
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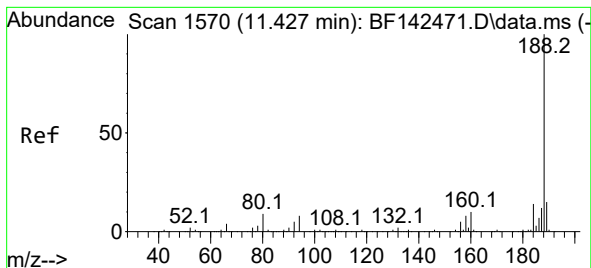
Tgt Ion: 330 Resp: 190465
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.6 116.4
 141 28.9 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 59.155 ng
 RT: 9.251 min Scan# 1200
 Delta R.T. -0.017 min
 Lab File: BF142671.D
 Acq: 07 Jun 2025 05:07

Tgt Ion: 172 Resp: 1025738
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.5 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: BF142671.D

Acq: 07 Jun 2025 05:07

Instrument :

BNA_F

ClientSampleId :

TP-28

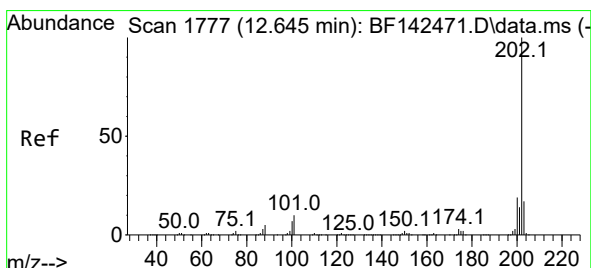
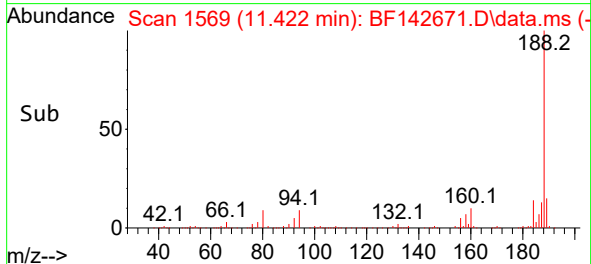
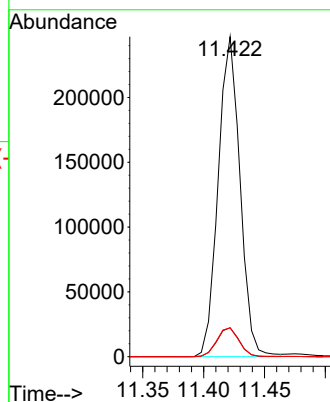
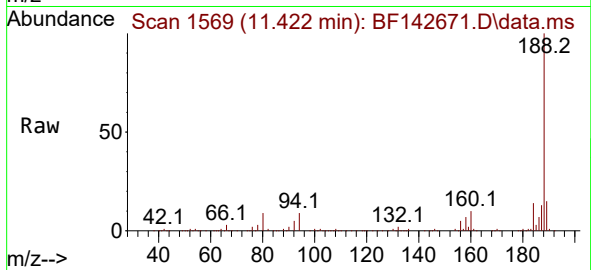
Tgt Ion:188 Resp: 307984

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.0 7.4 11.0



#75

Fluoranthene

Concen: 2.868 ng

RT: 12.633 min Scan# 1775

Delta R.T. -0.012 min

Lab File: BF142671.D

Acq: 07 Jun 2025 05:07

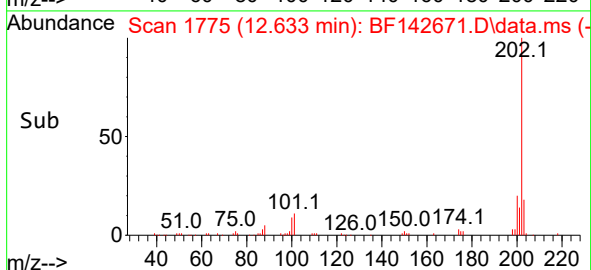
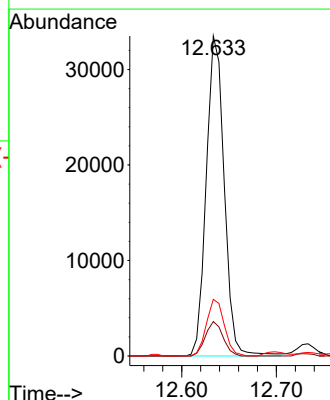
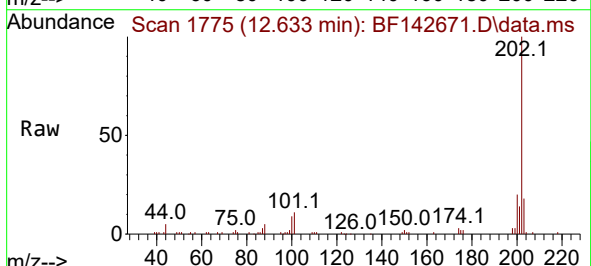
Tgt Ion:202 Resp: 44109

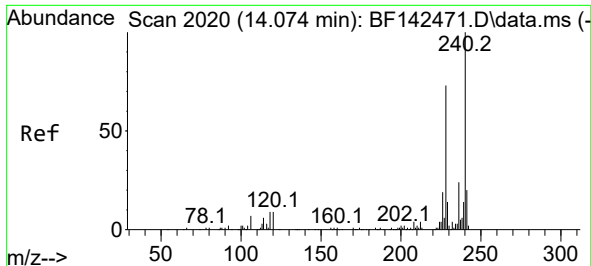
Ion Ratio Lower Upper

202 100

101 10.8 0.0 29.6

203 17.7 0.0 37.2

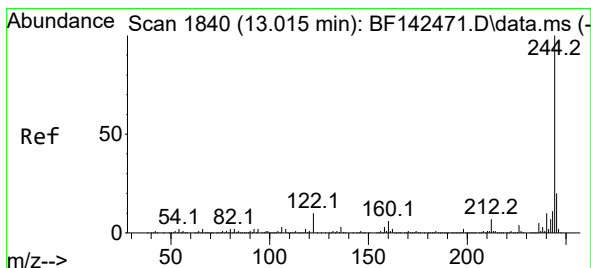
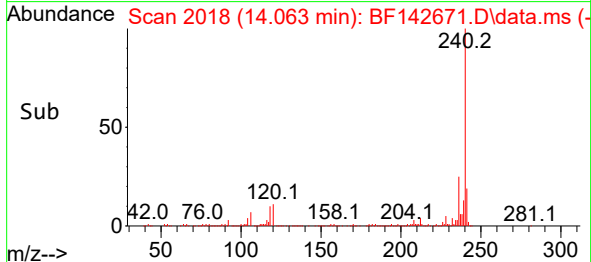
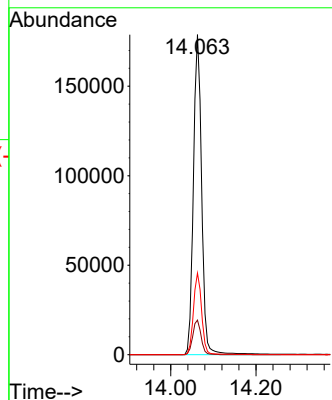
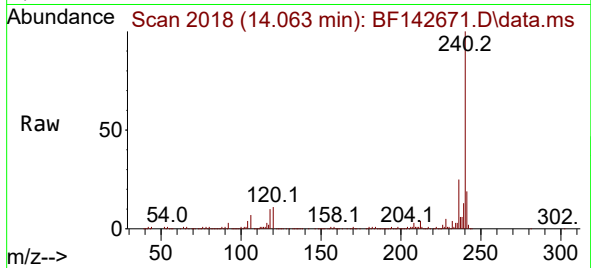




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142671.D
Acq: 07 Jun 2025 05:07

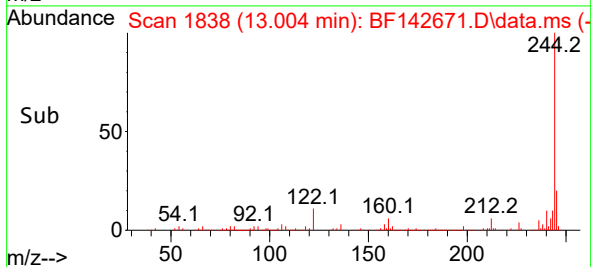
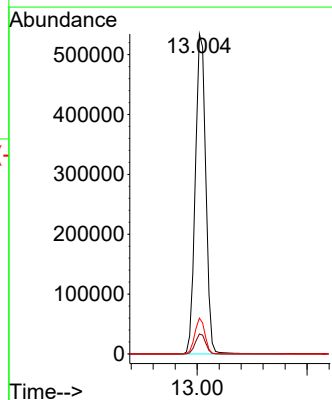
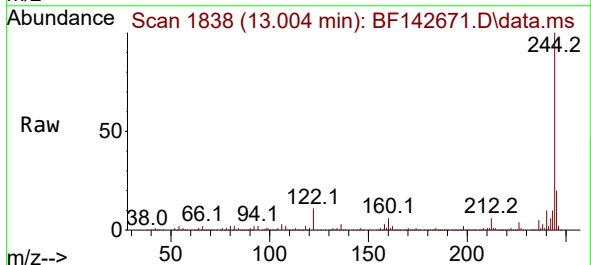
Instrument :
BNA_F
ClientSampleId :
TP-28

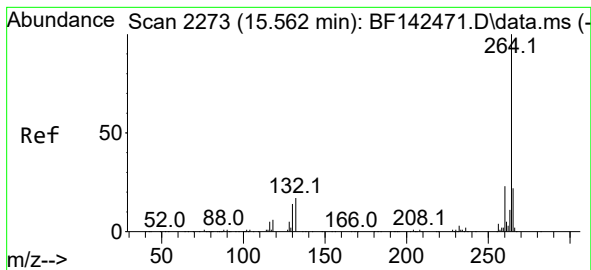
Tgt Ion:240 Resp: 240697
Ion Ratio Lower Upper
240 100
120 10.8 7.5 11.3
236 25.5 19.6 29.4



#79
Terphenyl-d14
Concen: 40.121 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BF142671.D
Acq: 07 Jun 2025 05:07

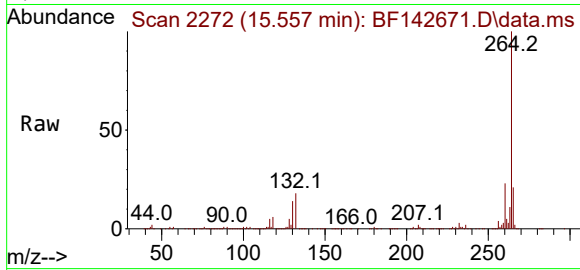
Tgt Ion:244 Resp: 706674
Ion Ratio Lower Upper
244 100
212 6.3 5.3 7.9
122 11.2 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142671.D
Acq: 07 Jun 2025 05:07

Instrument :
BNA_F
ClientSampleId :
TP-28



Tgt Ion:264 Resp: 272610
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.2 17.7 26.5

