

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142597.D
 Acq On : 02 Jun 2025 15:05
 Operator : RC/JU
 Sample : Q2134-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW10

Quant Time: Jun 02 15:47:03 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)

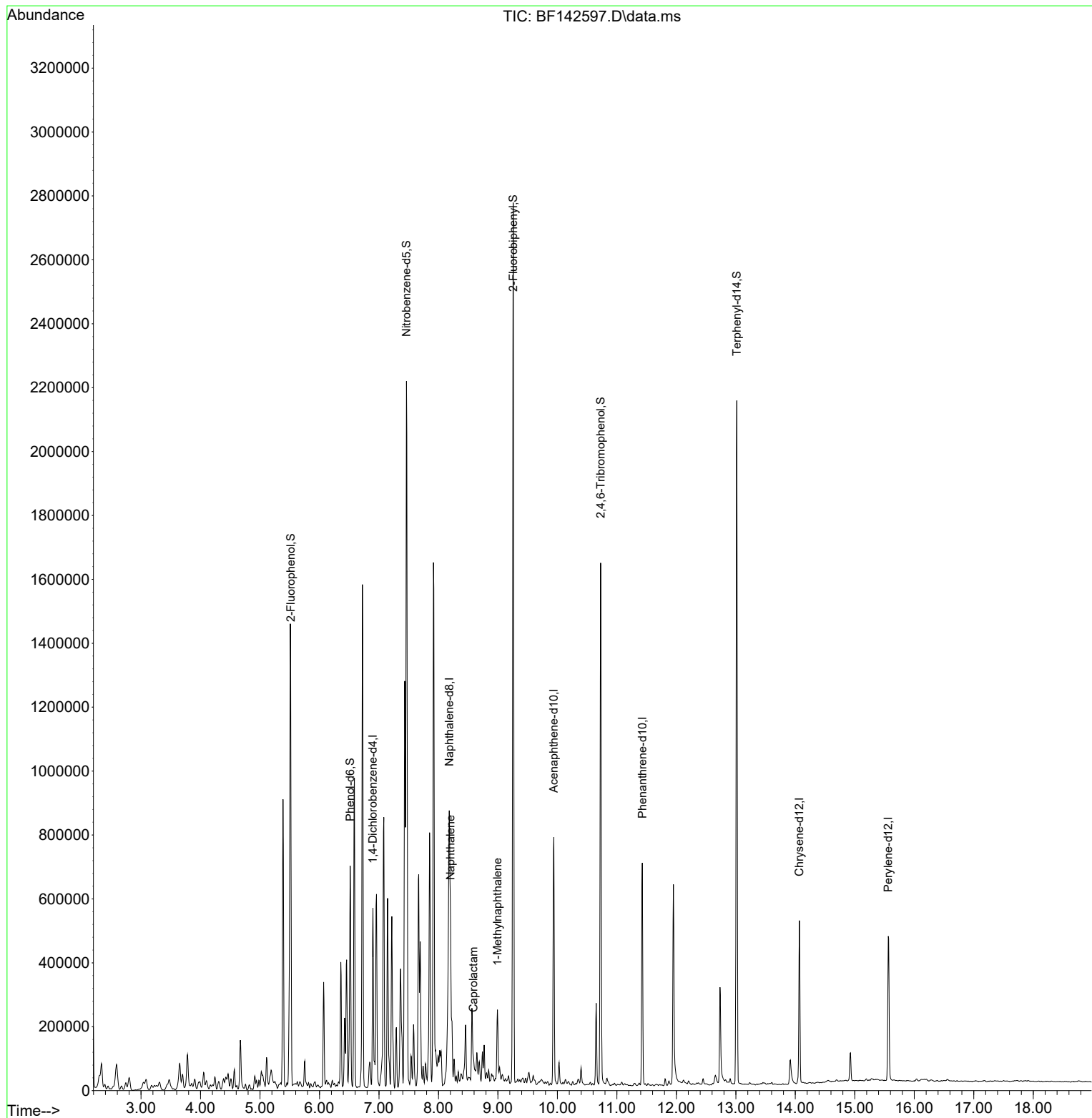
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	120089	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	445960	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	232989	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	364457	20.000	ng	0.00
76) Chrysene-d12	14.069	240	246692	20.000	ng	0.00
86) Perylene-d12	15.563	264	270947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	400957	56.251	ng	0.00
7) Phenol-d6	6.516	99	311476	36.301	ng	-0.02
23) Nitrobenzene-d5	7.463	82	608220	74.369	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	293646	113.557	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1262677	72.722	ng	-0.01
79) Terphenyl-d14	13.016	244	1060270	58.733	ng	0.00
Target Compounds						
31) Naphthalene	8.204	128	180829	8.235	ng	Qvalue # 95
35) Caprolactam	8.587	113	12899	7.266	ng	97
38) 1-Methylnaphthalene	8.992	142	71333	4.992	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142597.D
Acq On : 02 Jun 2025 15:05
Operator : RC/JU
Sample : Q2134-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW10

Quant Time: Jun 02 15:47:03 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

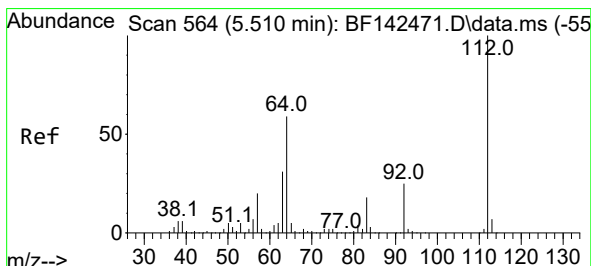
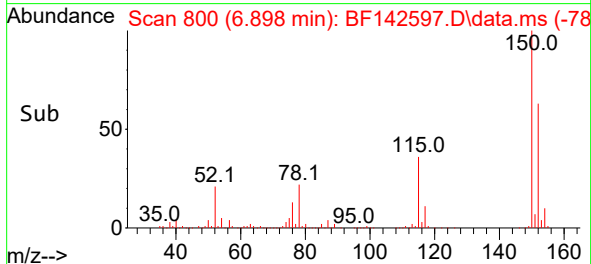
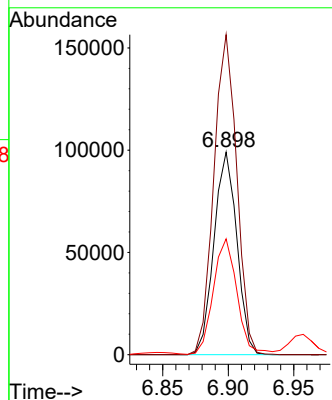
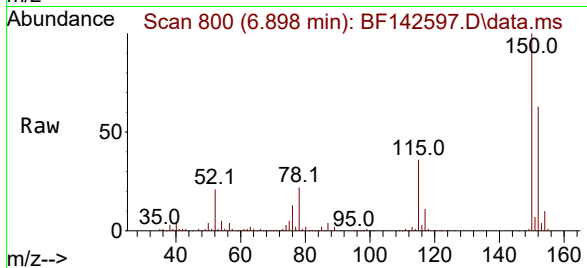




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142597.D
Acq: 02 Jun 2025 15:05

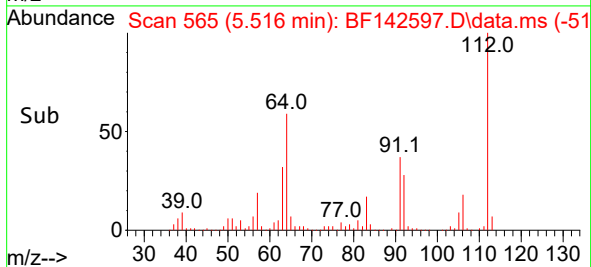
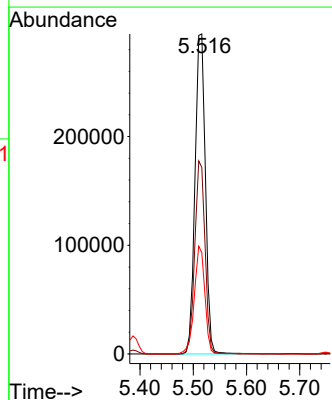
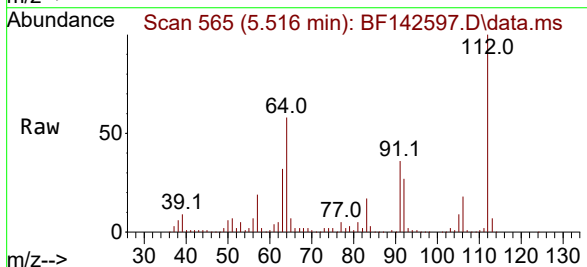
Instrument :
BNA_F
ClientSampleId :
MW10

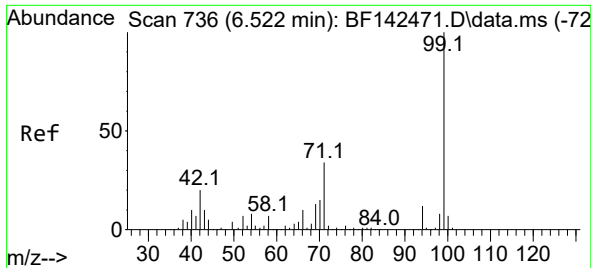
Tgt Ion:152 Resp: 120089
Ion Ratio Lower Upper
152 100
150 158.0 128.2 192.4
115 57.2 48.3 72.5



#5
2-Fluorophenol
Concen: 56.251 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.000 min
Lab File: BF142597.D
Acq: 02 Jun 2025 15:05

Tgt Ion:112 Resp: 400957
Ion Ratio Lower Upper
112 100
64 58.3 47.5 71.3
63 31.7 24.9 37.3

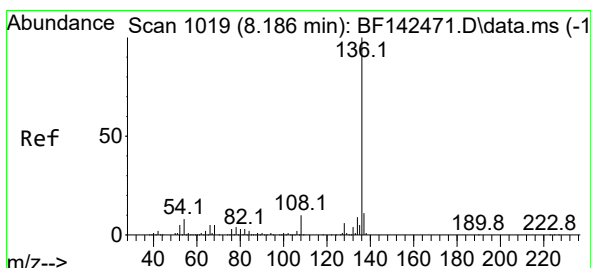
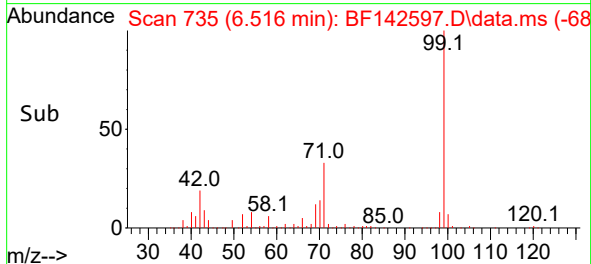
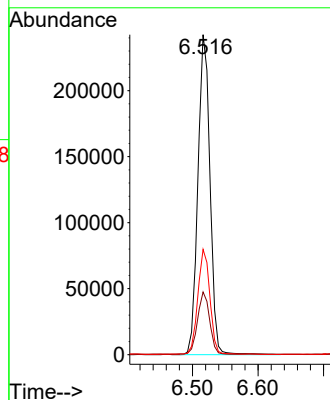
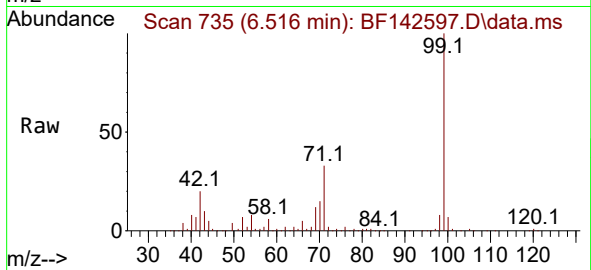




#7
Phenol-d6
Concen: 36.301 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF142597.D
Acq: 02 Jun 2025 15:05

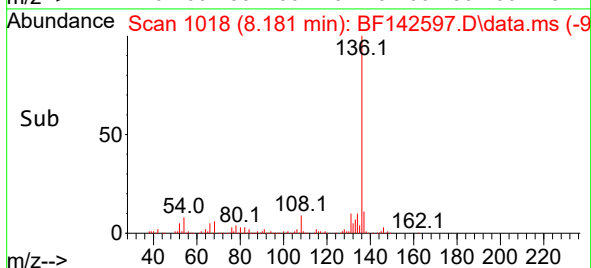
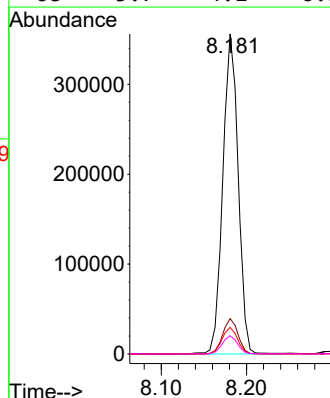
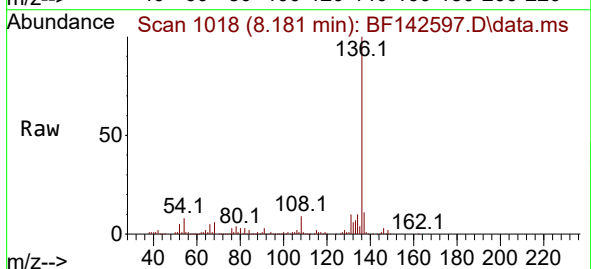
Instrument :
BNA_F
ClientSampleId :
MW10

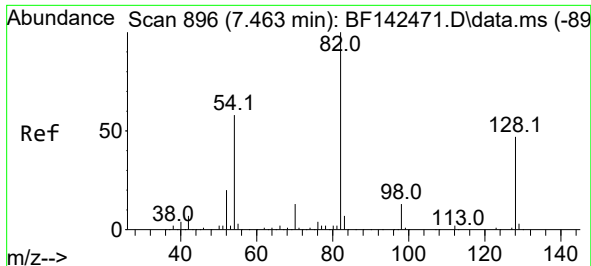
Tgt Ion: 99 Resp: 311476
Ion Ratio Lower Upper
99 100
42 19.6 16.2 24.2
71 32.9 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142597.D
Acq: 02 Jun 2025 15:05

Tgt Ion: 136 Resp: 445960
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.3 6.6 10.0
68 5.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 74.369 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142597.D

Acq: 02 Jun 2025 15:05

Instrument :

BNA_F

ClientSampleId :

MW10

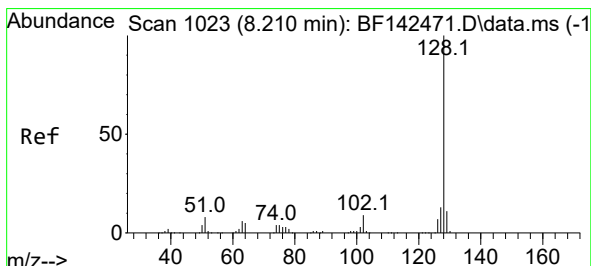
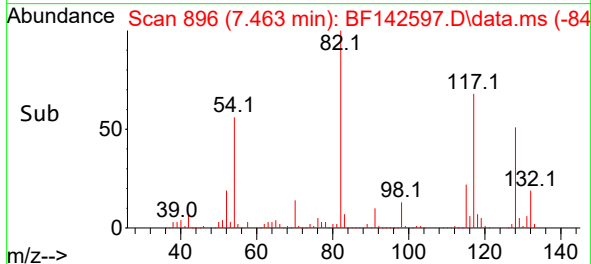
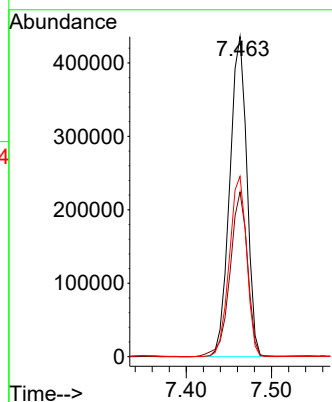
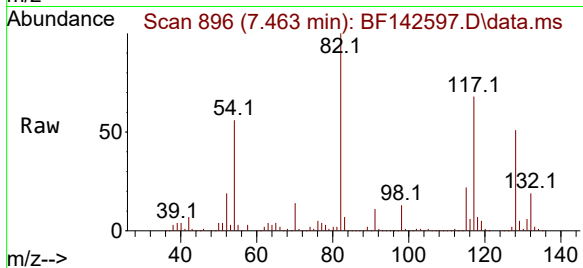
Tgt Ion: 82 Resp: 608220

Ion Ratio Lower Upper

82 100

128 51.5 37.4 56.2

54 56.4 46.6 70.0



#31

Naphthalene

Concen: 8.235 ng

RT: 8.204 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF142597.D

Acq: 02 Jun 2025 15:05

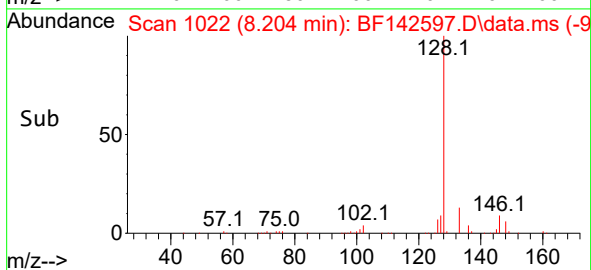
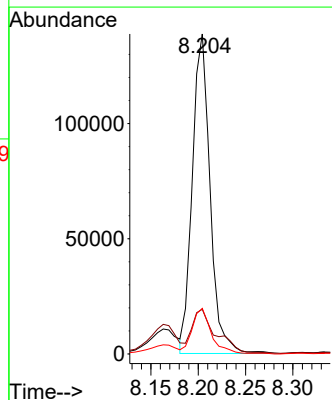
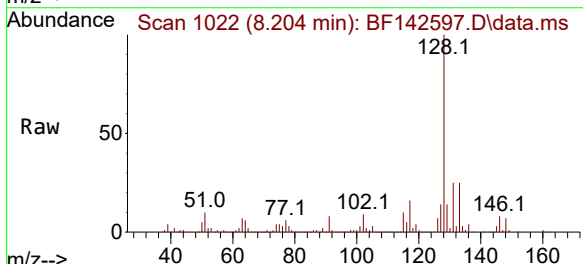
Tgt Ion: 128 Resp: 180829

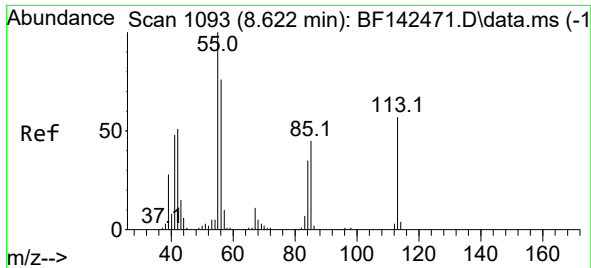
Ion Ratio Lower Upper

128 100

129 14.0 8.9 13.3#

127 14.2 10.5 15.7

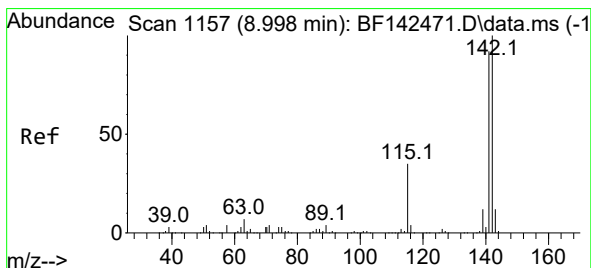
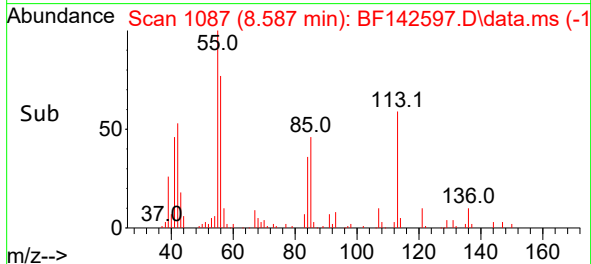
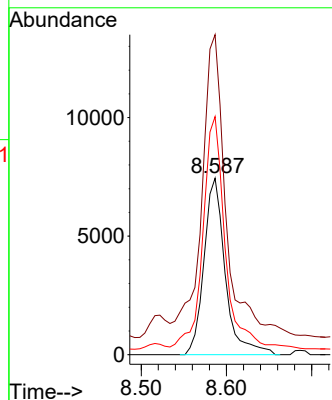
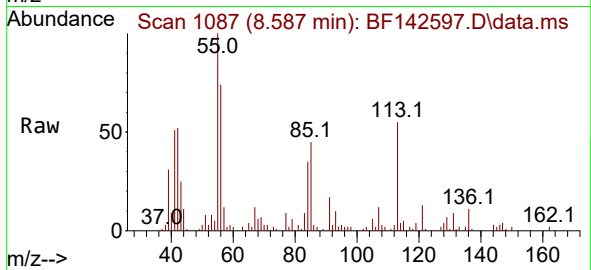




#35
 Caprolactam
 Concen: 7.266 ng
 RT: 8.587 min Scan# 1093
 Delta R.T. -0.059 min
 Lab File: BF142597.D
 Acq: 02 Jun 2025 15:05

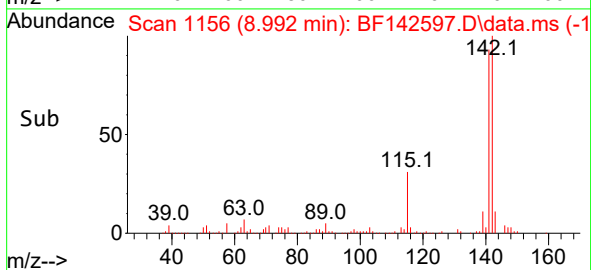
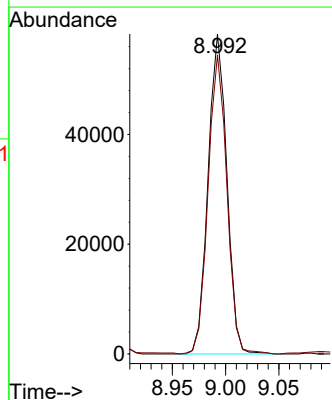
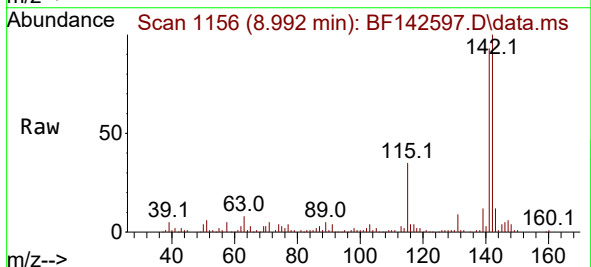
Instrument :
 BNA_F
 ClientSampleId :
 MW10

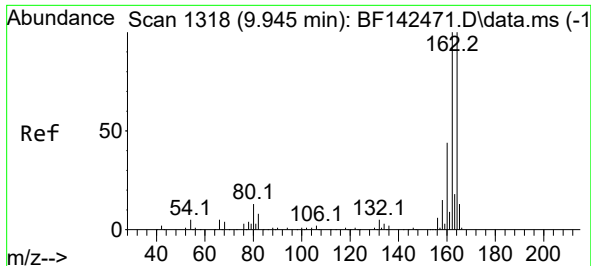
Tgt Ion:113 Resp: 12899
 Ion Ratio Lower Upper
 113 100
 55 181.3 154.7 194.7
 56 134.9 113.2 153.2



#38
 1-Methylnaphthalene
 Concen: 4.992 ng
 RT: 8.992 min Scan# 1156
 Delta R.T. -0.006 min
 Lab File: BF142597.D
 Acq: 02 Jun 2025 15:05

Tgt Ion:142 Resp: 71333
 Ion Ratio Lower Upper
 142 100
 141 93.5 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142597.D

Acq: 02 Jun 2025 15:05

Instrument :

BNA_F

ClientSampleId :

MW10

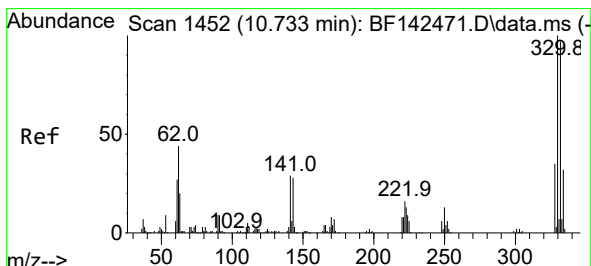
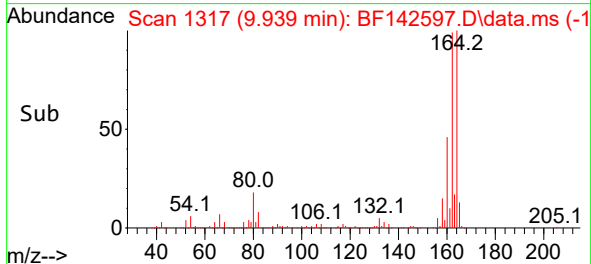
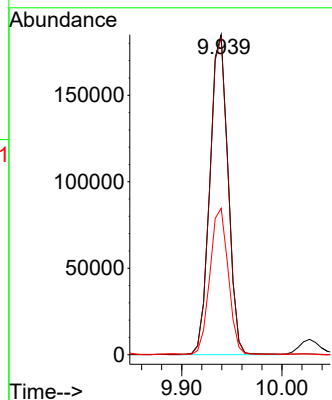
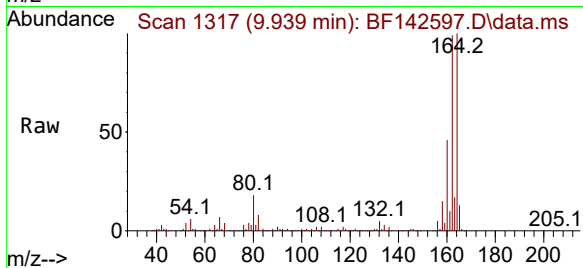
Tgt Ion:164 Resp: 232989

Ion Ratio Lower Upper

164 100

162 99.1 80.2 120.4

160 45.8 35.6 53.4



#42

2,4,6-Tribromophenol

Concen: 113.557 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF142597.D

Acq: 02 Jun 2025 15:05

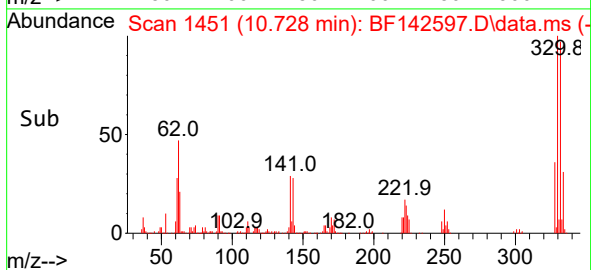
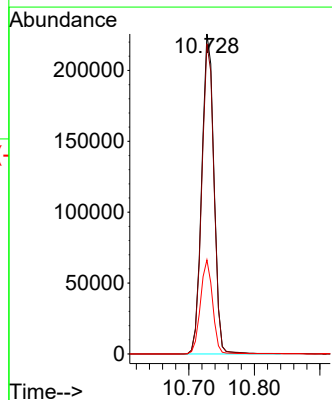
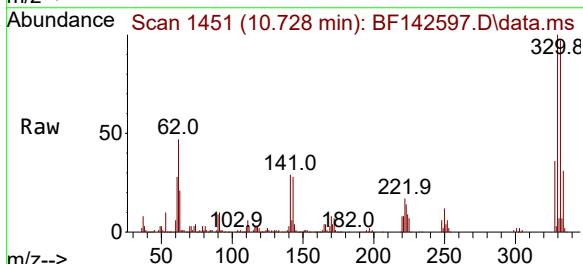
Tgt Ion:330 Resp: 293646

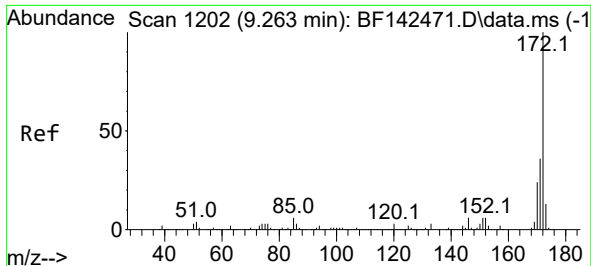
Ion Ratio Lower Upper

330 100

332 97.2 77.6 116.4

141 29.3 24.6 36.8

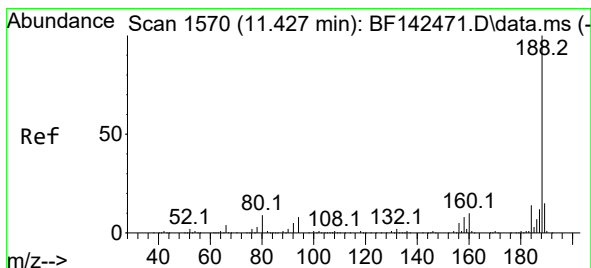
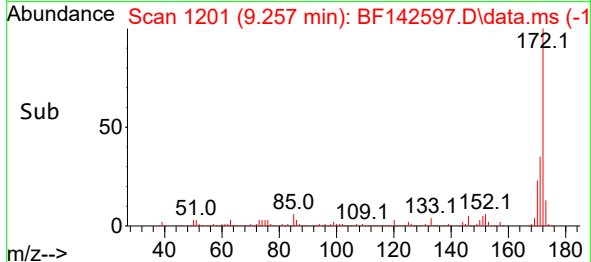
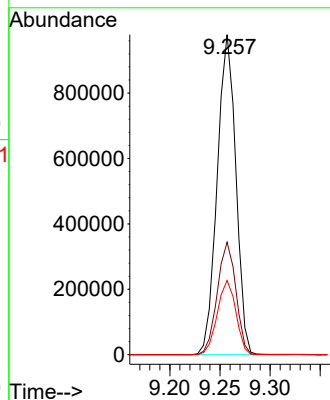
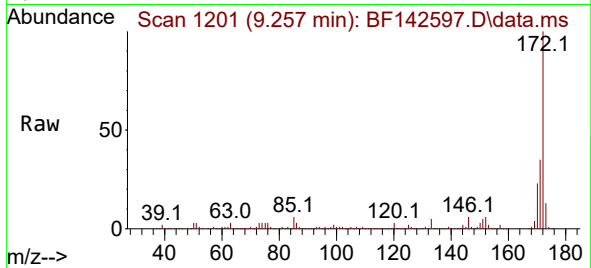




#45
2-Fluorobiphenyl
Concen: 72.722 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142597.D
Acq: 02 Jun 2025 15:05

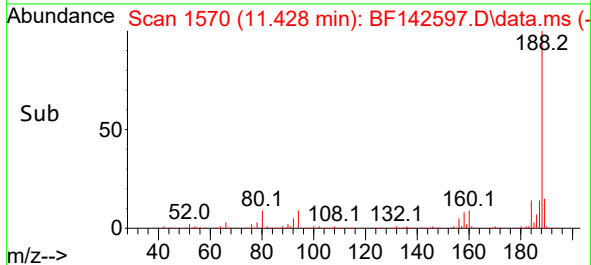
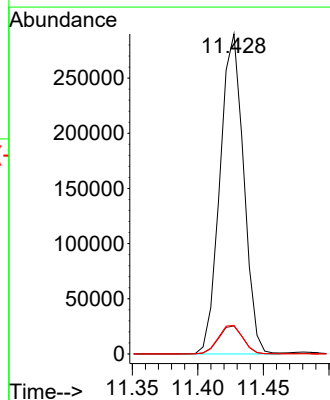
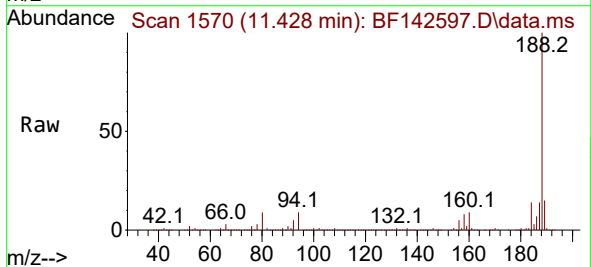
Instrument :
BNA_F
ClientSampleId :
MW10

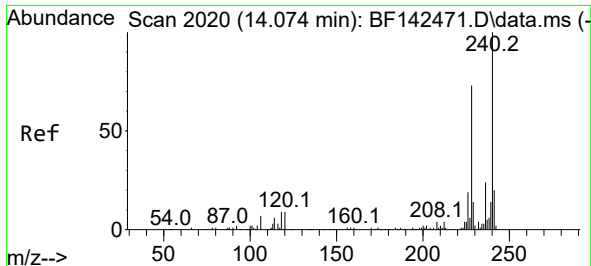
Tgt Ion:172 Resp: 1262677
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.2 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142597.D
Acq: 02 Jun 2025 15:05

Tgt Ion:188 Resp: 364457
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 8.9 7.4 11.0

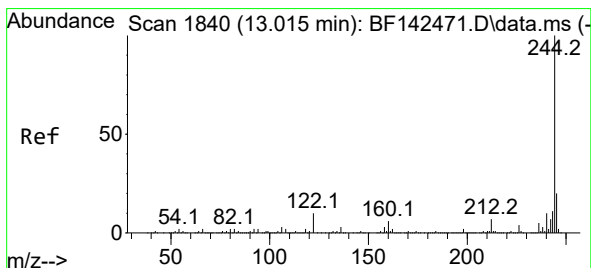
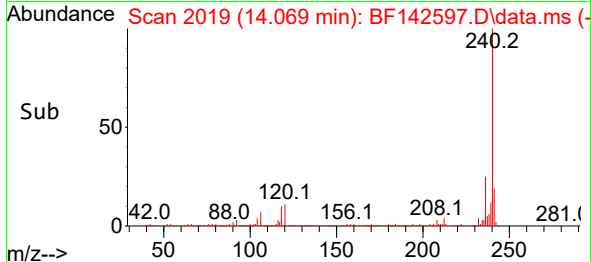
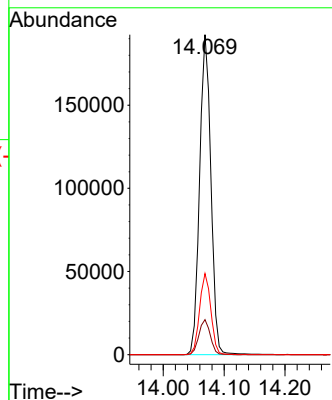
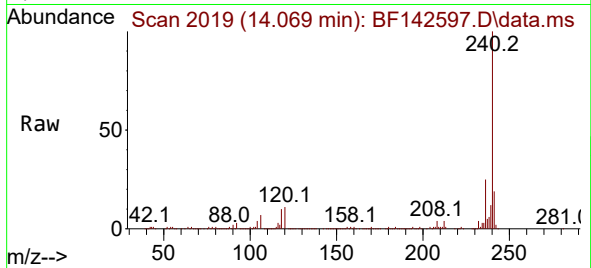




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142597.D
Acq: 02 Jun 2025 15:05

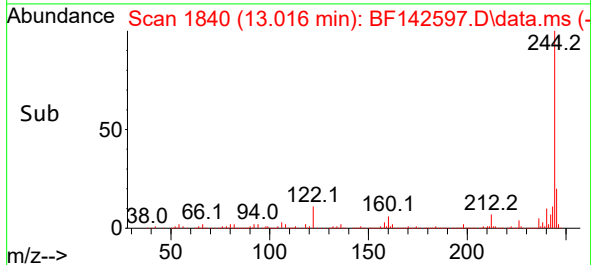
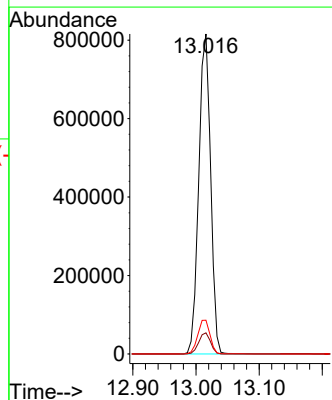
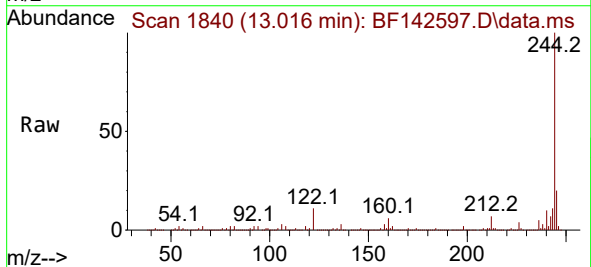
Instrument :
BNA_F
ClientSampleId :
MW10

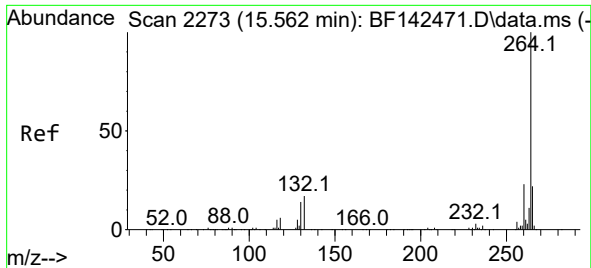
Tgt Ion:240 Resp: 246692
Ion Ratio Lower Upper
240 100
120 11.0 7.5 11.3
236 25.3 19.6 29.4



#79
Terphenyl-d14
Concen: 58.733 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF142597.D
Acq: 02 Jun 2025 15:05

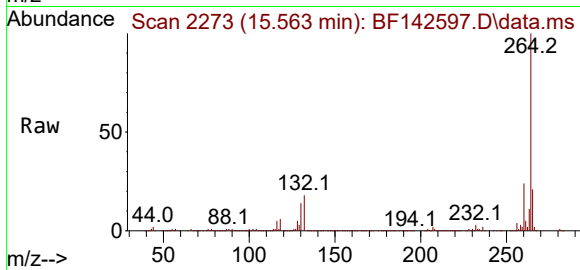
Tgt Ion:244 Resp: 1060270
Ion Ratio Lower Upper
244 100
212 6.6 5.3 7.9
122 10.6 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142597.D
 Acq: 02 Jun 2025 15:05

Instrument :
 BNA_F
 ClientSampleId :
 MW10



Tgt Ion:264 Resp: 270947
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.5 17.7 26.5

