

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
 Data File : BF142776.D
 Acq On : 18 Jun 2025 13:49
 Operator : RC/JU
 Sample : Q2333-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Jun 18 14:10:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

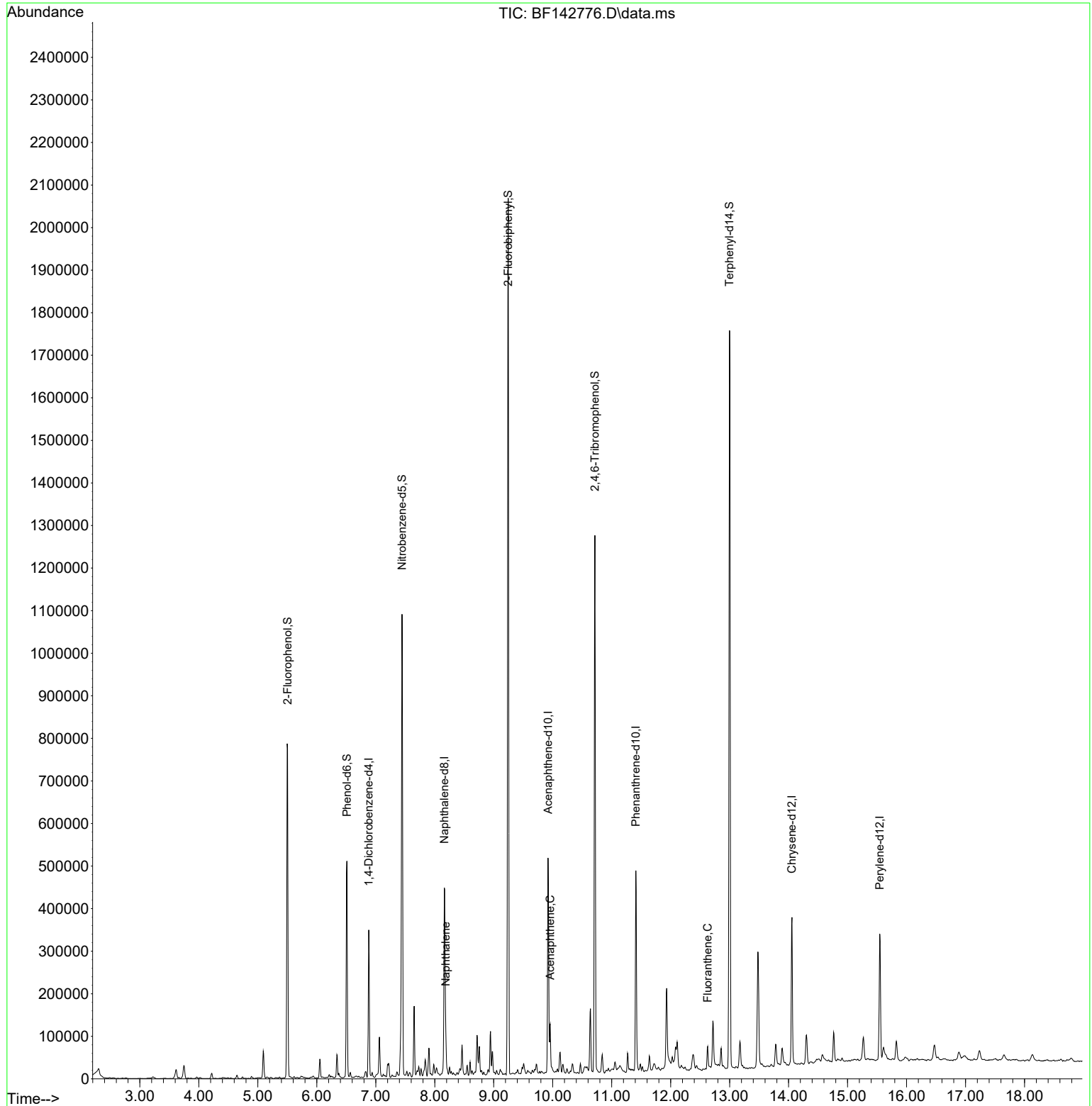
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	72728	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	276703	20.000	ng	-0.02
39) Acenaphthene-d10	9.922	164	148072	20.000	ng	-0.02
64) Phenanthrene-d10	11.410	188	243522	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	167055	20.000	ng	-0.01
86) Perylene-d12	15.545	264	173007	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	300780	70.437	ng	0.00
7) Phenol-d6	6.510	99	224904	44.753	ng	-0.01
23) Nitrobenzene-d5	7.445	82	450633	89.128	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	217630	134.104	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	935846	83.968	ng	-0.01
79) Terphenyl-d14	12.998	244	854118	70.221	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	8.186	128	39603	2.894	ng	97
52) Acenaphthene	9.957	154	25223	2.848	ng	99
75) Fluoranthene	12.627	202	27972	2.255	ng	98

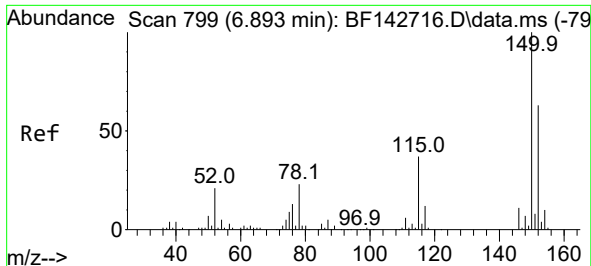
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
Data File : BF142776.D
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ALS Vial : 6 Sample Multiplier: 1

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BNA_F
ClientSampleId :
MW-06

Quant Time: Jun 18 14:10:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

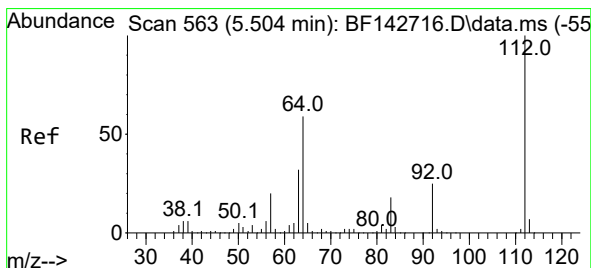
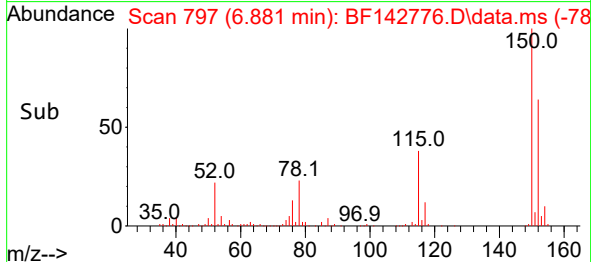
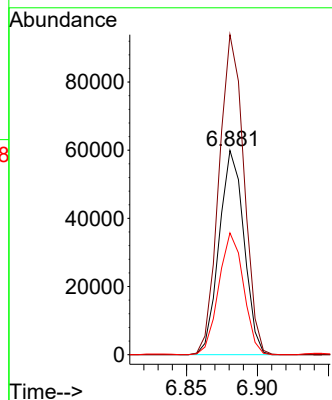
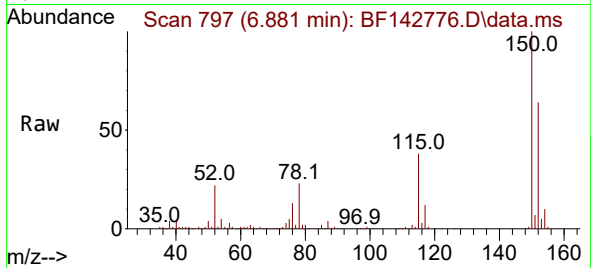




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 799
 Delta R.T. -0.012 min
 Lab File: BF142776.D
 Acq: 18 Jun 2025 13:49

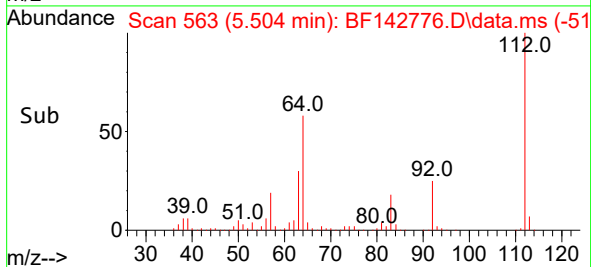
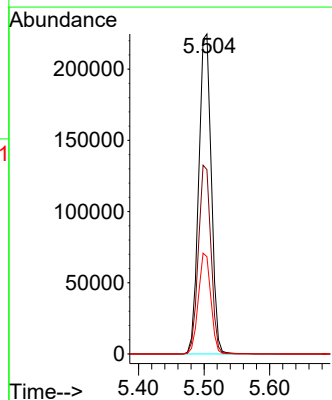
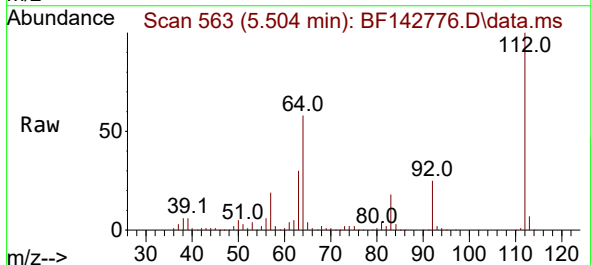
Instrument :
 BNA_F
 ClientSampleId :
 MW-06

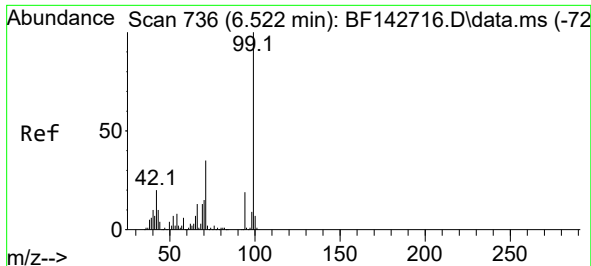
Tgt Ion:152 Resp: 72728
 Ion Ratio Lower Upper
 152 100
 150 156.8 126.9 190.3
 115 59.7 47.0 70.6



#5
 2-Fluorophenol
 Concen: 70.437 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.000 min
 Lab File: BF142776.D
 Acq: 18 Jun 2025 13:49

Tgt Ion:112 Resp: 300780
 Ion Ratio Lower Upper
 112 100
 64 57.6 47.4 71.2
 63 30.4 25.4 38.0

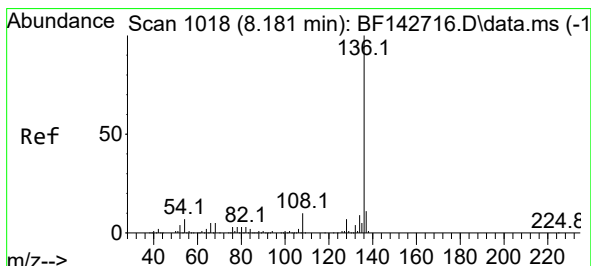
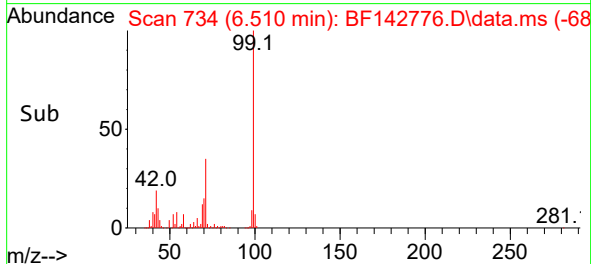
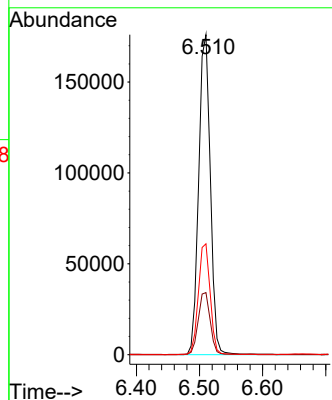
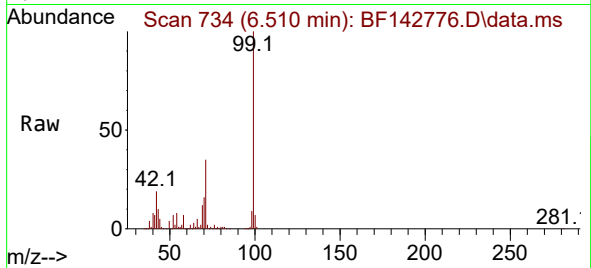




#7
Phenol-d6
Concen: 44.753 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142776.D
Acq: 18 Jun 2025 13:49

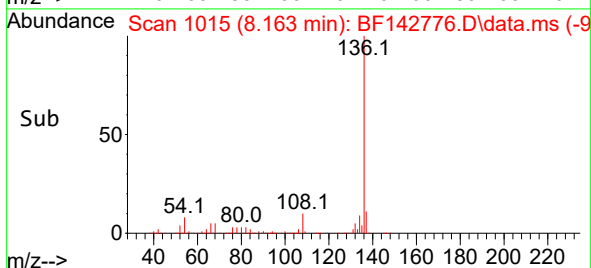
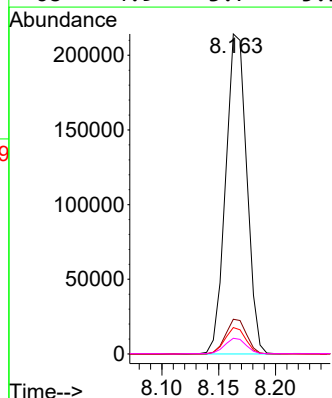
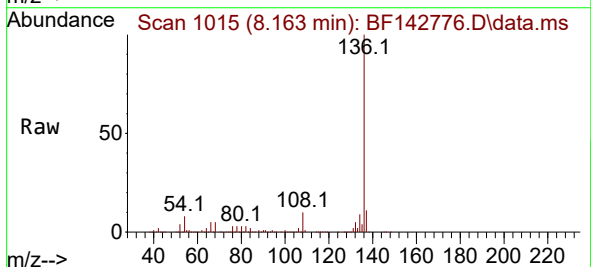
Instrument :
BNA_F
ClientSampleId :
MW-06

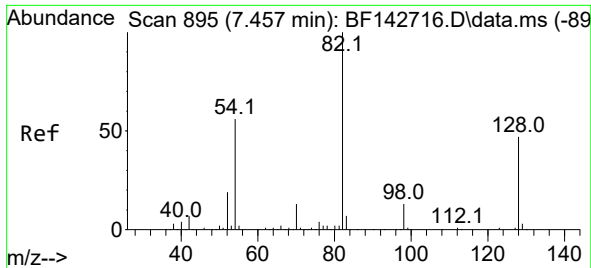
Tgt Ion: 99 Resp: 224904
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 34.7 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.018 min
Lab File: BF142776.D
Acq: 18 Jun 2025 13:49

Tgt Ion: 136 Resp: 276703
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.2 5.9 8.9
68 4.9 3.7 5.5

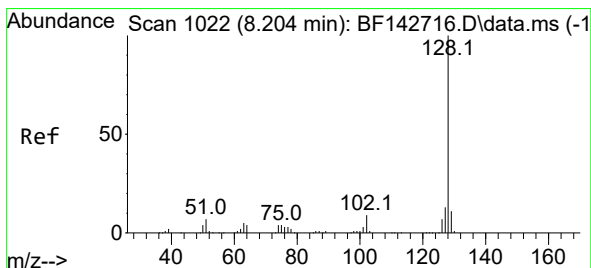
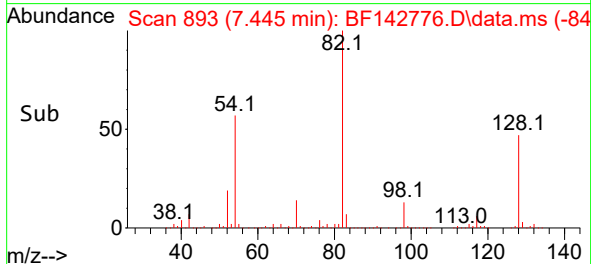
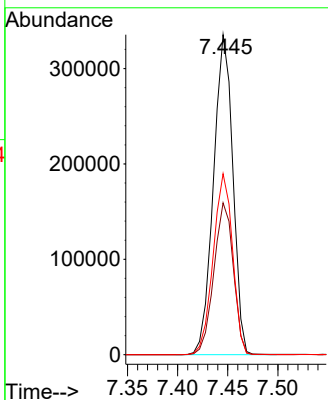
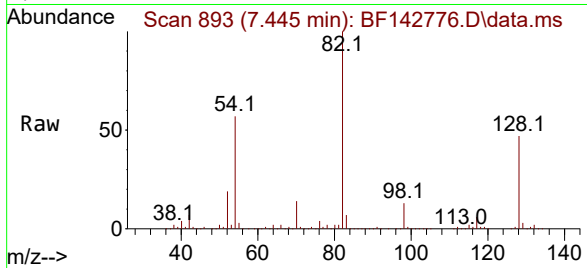




#23
Nitrobenzene-d5
Concen: 89.128 ng
RT: 7.445 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF142776.D
Acq: 18 Jun 2025 13:49

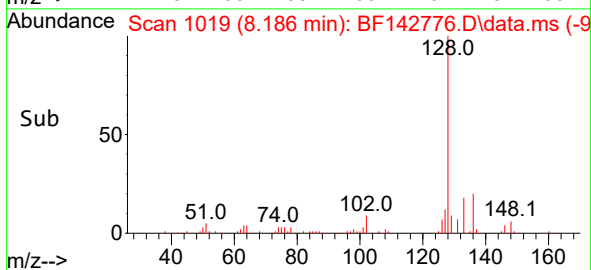
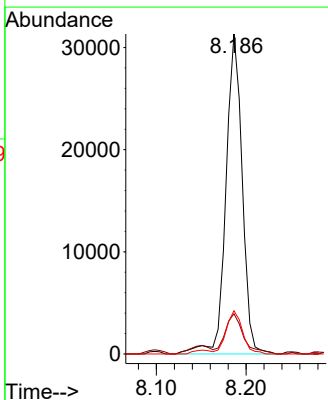
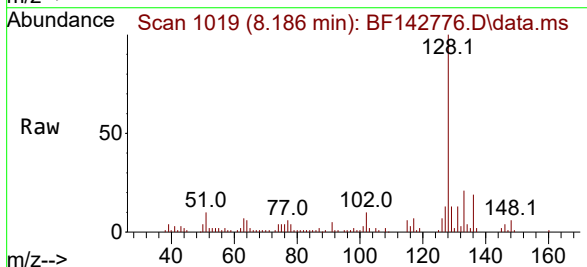
Instrument :
BNA_F
ClientSampleId :
MW-06

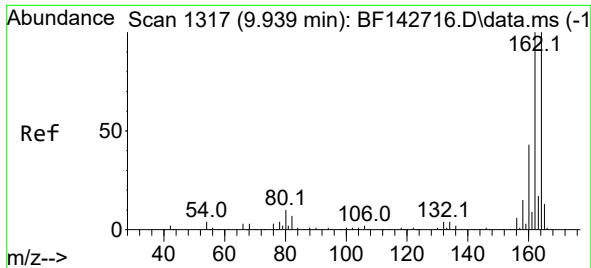
Tgt Ion: 82 Resp: 450633
Ion Ratio Lower Upper
82 100
128 47.4 37.8 56.8
54 56.5 44.9 67.3



#31
Naphthalene
Concen: 2.894 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF142776.D
Acq: 18 Jun 2025 13:49

Tgt Ion:128 Resp: 39603
Ion Ratio Lower Upper
128 100
129 12.5 8.7 13.1
127 13.5 10.4 15.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF142776.D

Acq: 18 Jun 2025 13:49

Instrument :

BNA_F

ClientSampleId :

MW-06

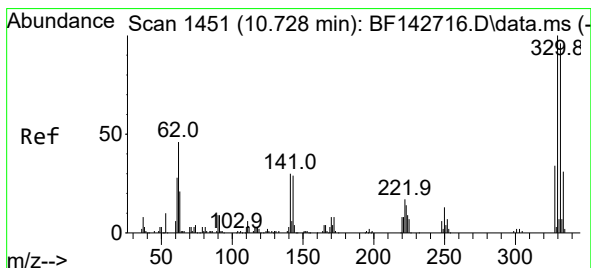
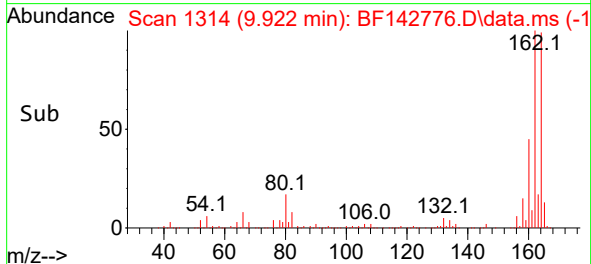
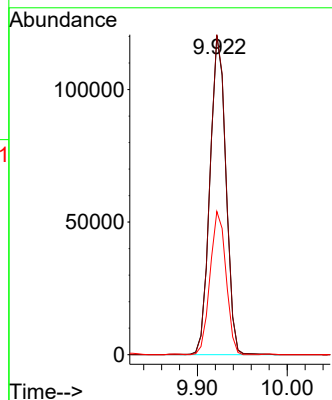
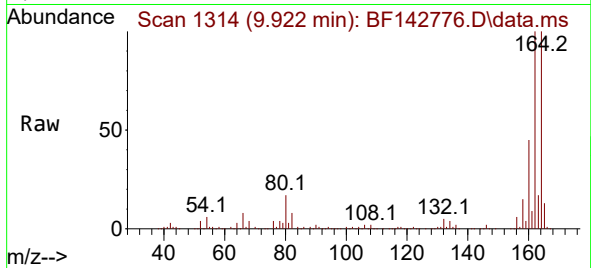
Tgt Ion:164 Resp: 148072

Ion Ratio Lower Upper

164 100

162 100.4 79.9 119.9

160 44.9 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 134.104 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF142776.D

Acq: 18 Jun 2025 13:49

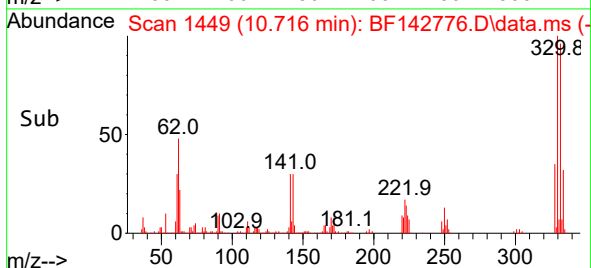
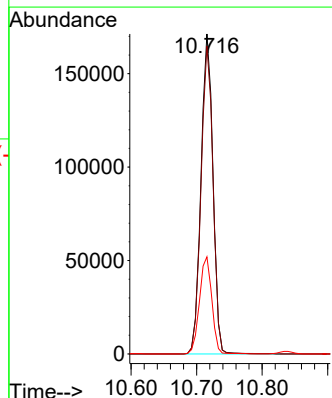
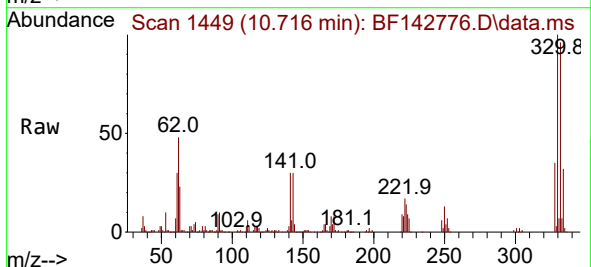
Tgt Ion:330 Resp: 217630

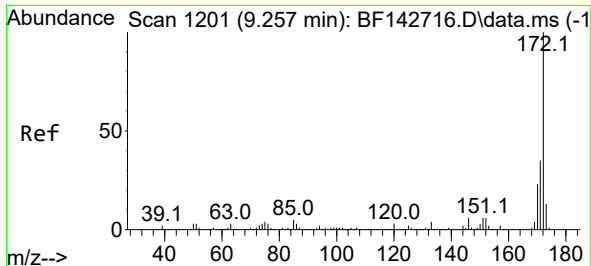
Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

141 31.4 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 83.968 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF142776.D

Acq: 18 Jun 2025 13:49

Instrument :

BNA_F

ClientSampleId :

MW-06

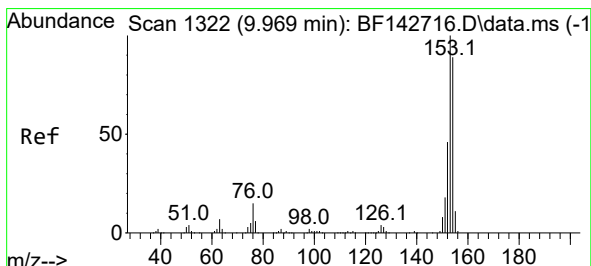
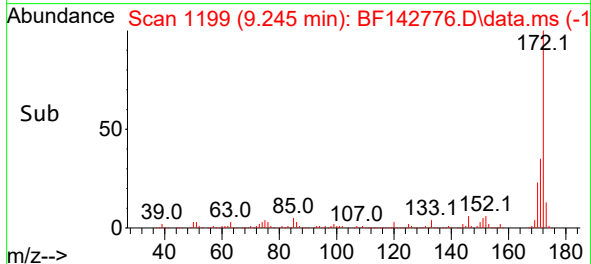
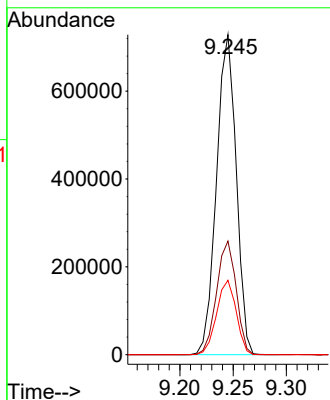
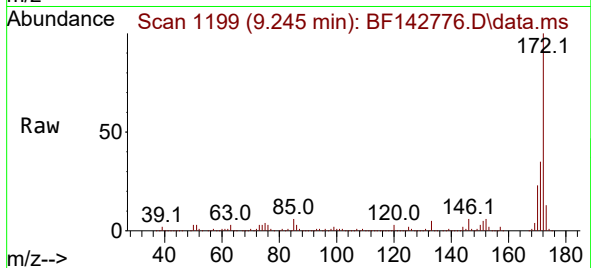
Tgt Ion:172 Resp: 935846

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 23.3 18.6 27.8



#52

Acenaphthene

Concen: 2.848 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF142776.D

Acq: 18 Jun 2025 13:49

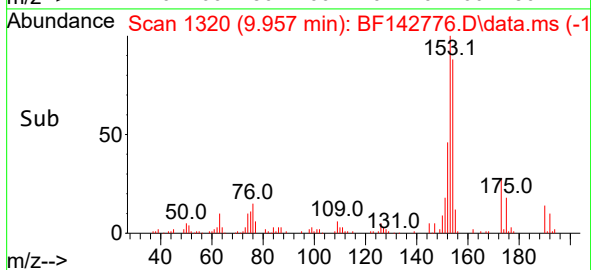
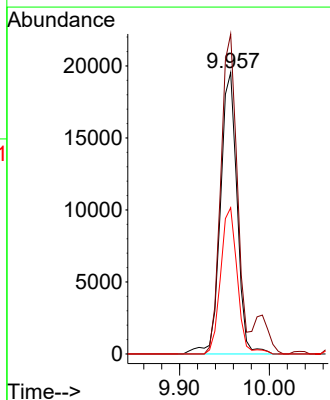
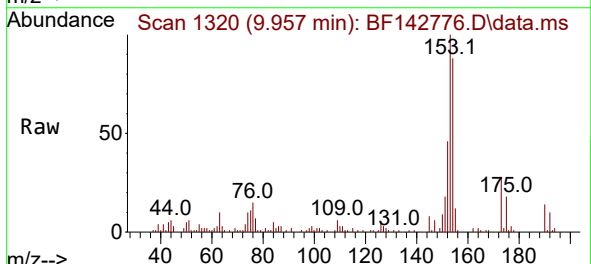
Tgt Ion:154 Resp: 25223

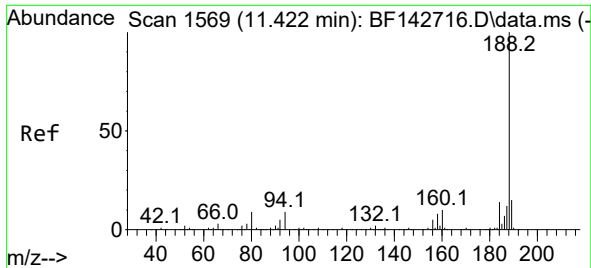
Ion Ratio Lower Upper

154 100

153 113.7 90.1 135.1

152 52.0 41.9 62.9

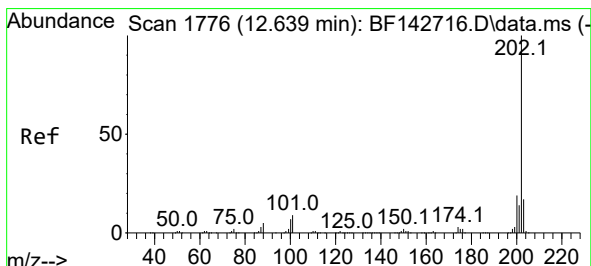
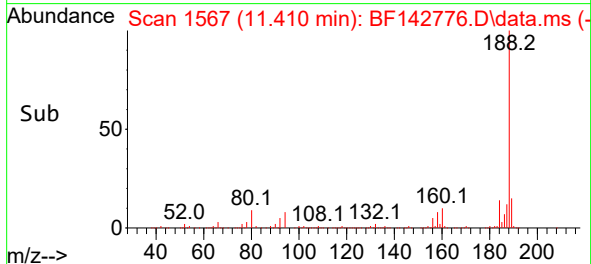
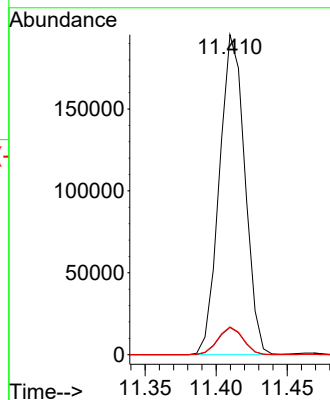
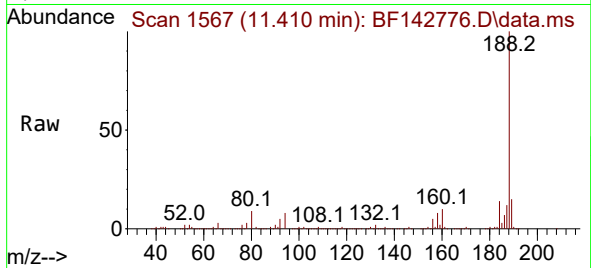




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142776.D
Acq: 18 Jun 2025 13:49

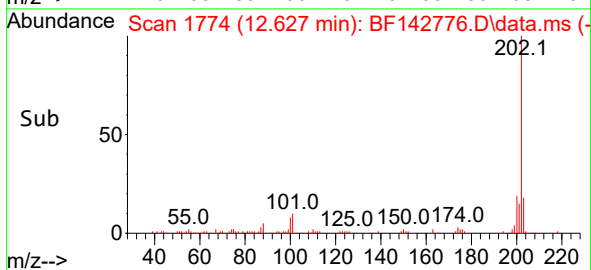
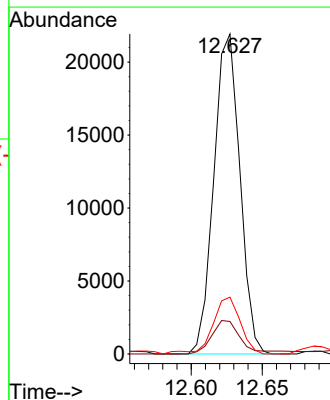
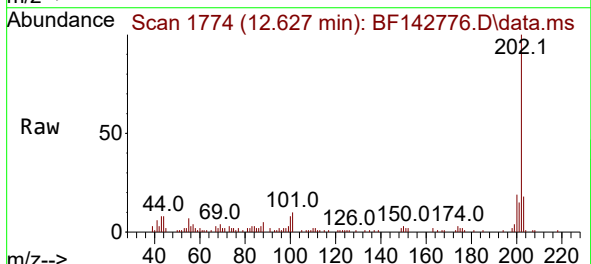
Instrument :
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MW-06

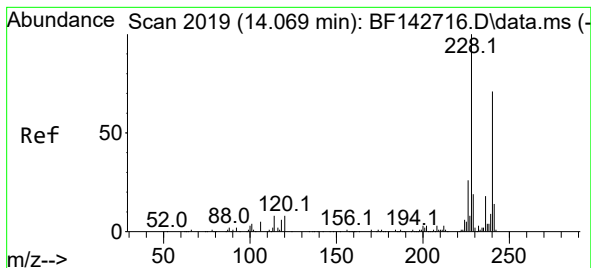
Tgt Ion:188 Resp: 243522
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 8.7 7.1 10.7



#75
Fluoranthene
Concen: 2.255 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.012 min
Lab File: BF142776.D
Acq: 18 Jun 2025 13:49

Tgt Ion:202 Resp: 27972
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.5
203 17.7 0.0 37.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142776.D

Acq: 18 Jun 2025 13:49

Instrument :

BNA_F

ClientSampleId :

MW-06

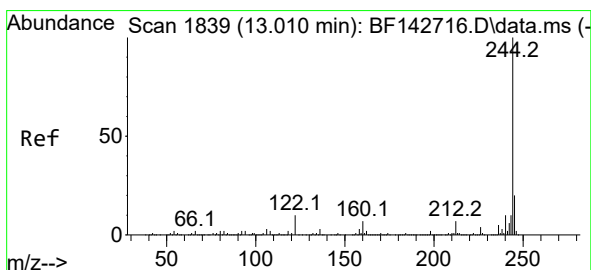
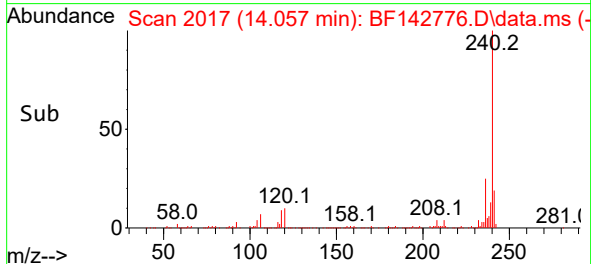
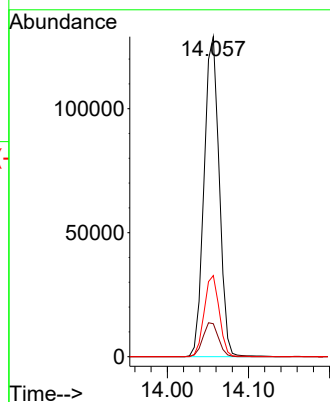
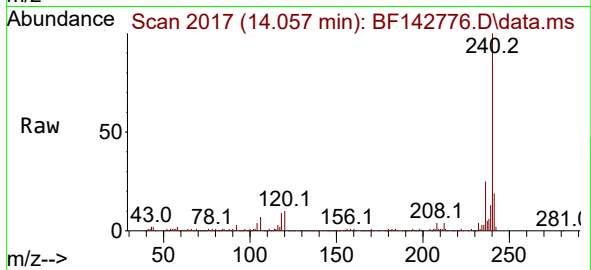
Tgt Ion:240 Resp: 167055

Ion Ratio Lower Upper

240 100

120 10.3 8.5 12.7

236 25.4 20.1 30.1



#79

Terphenyl-d14

Concen: 70.221 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.012 min

Lab File: BF142776.D

Acq: 18 Jun 2025 13:49

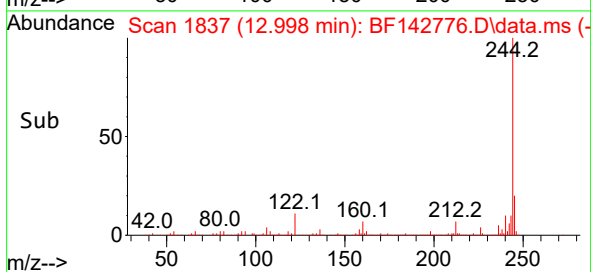
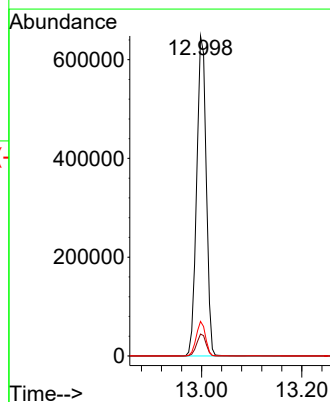
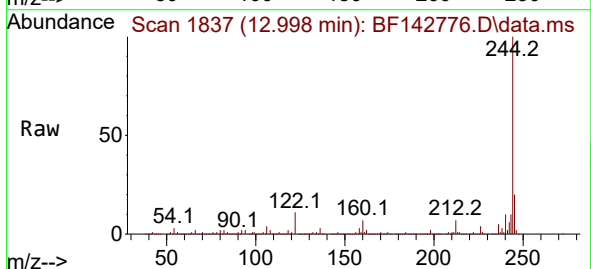
Tgt Ion:244 Resp: 854118

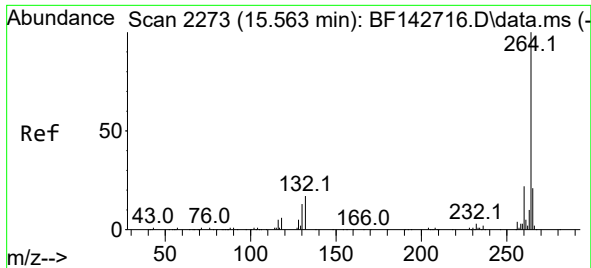
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

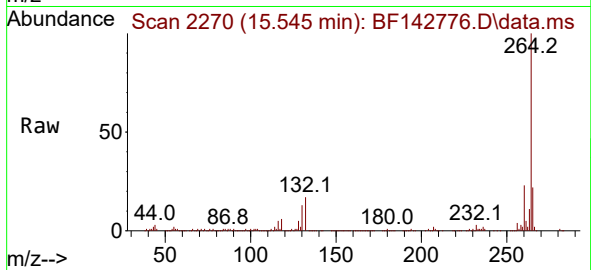
122 10.8 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF142776.D
Acq: 18 Jun 2025 13:49

Instrument :
BNA_F
ClientSampleId :
MW-06



Tgt Ion:264 Resp: 173007
Ion Ratio Lower Upper
264 100
260 23.0 17.8 26.6
265 21.5 16.6 25.0

