

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142753.D
 Acq On : 12 Jun 2025 13:00
 Operator : RC/JU
 Sample : Q2268-06DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-20250605-ADL

Quant Time: Jun 12 13:56:36 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)

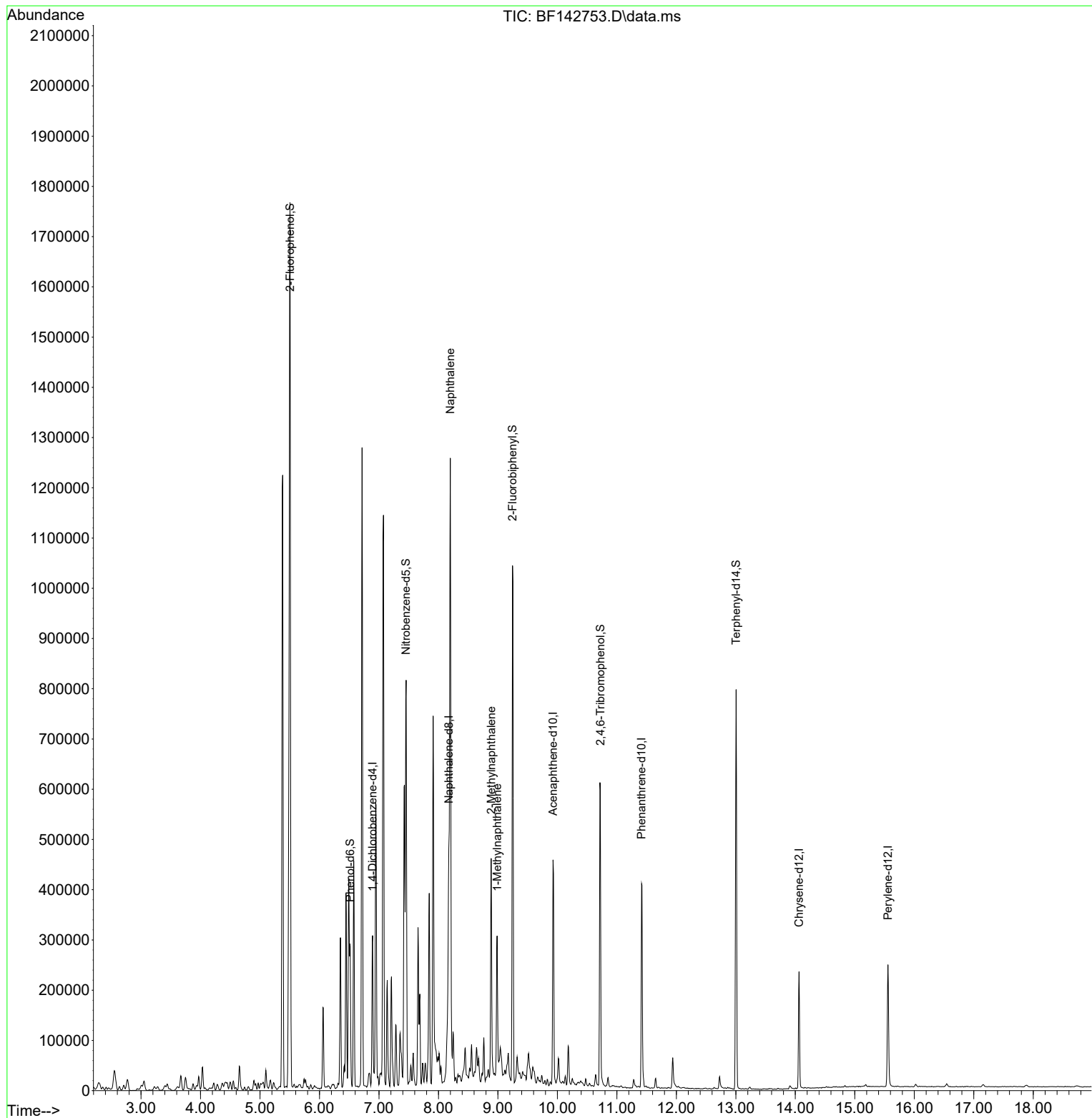
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	66877	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	247965	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	135607	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	217678	20.000	ng	0.00
76) Chrysene-d12	14.063	240	118180	20.000	ng	0.00
86) Perylene-d12	15.557	264	146576	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	144538	36.809	ng	0.00
7) Phenol-d6	6.516	99	127037	27.490	ng	0.00
23) Nitrobenzene-d5	7.451	82	206320	45.536	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	106887	71.918	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	472551	46.296	ng	-0.01
79) Terphenyl-d14	13.004	244	382508	44.454	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.198	128	727792	59.347	ng	99
37) 2-Methylnaphthalene	8.886	142	164105	21.142	ng	99
38) 1-Methylnaphthalene	8.986	142	94313	11.729	ng	99

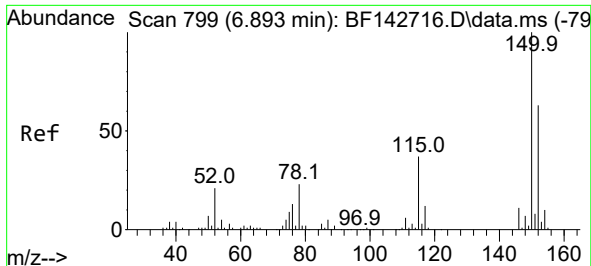
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
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MW-2-20250605-ADL

Quant Time: Jun 12 13:56:36 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

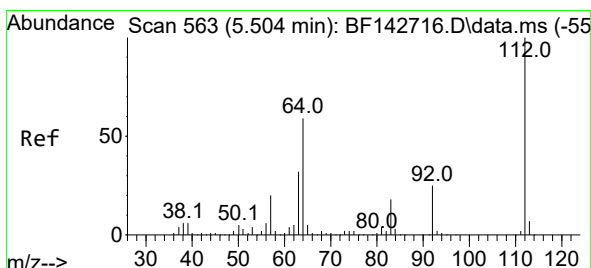
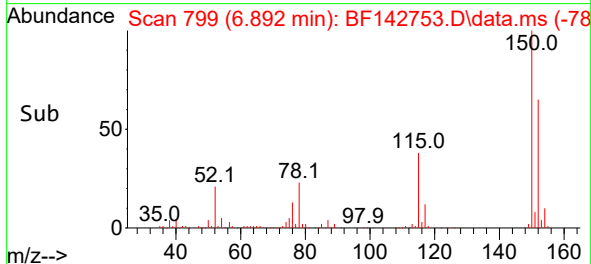
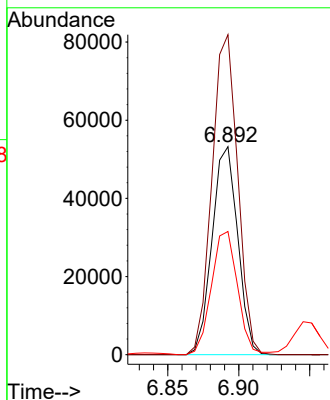
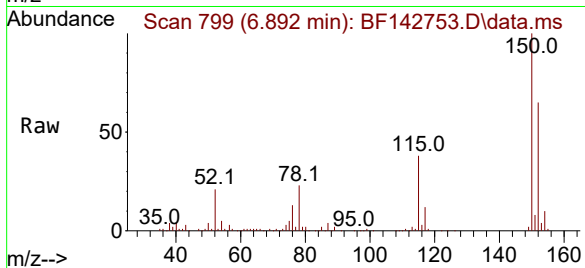




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF142753.D
Acq: 12 Jun 2025 13:00

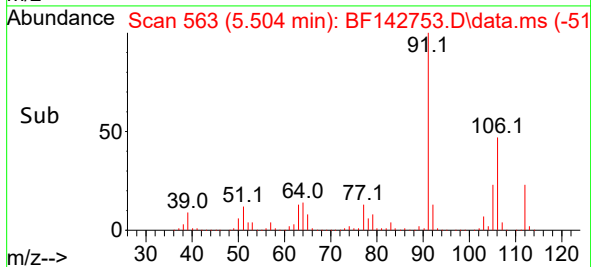
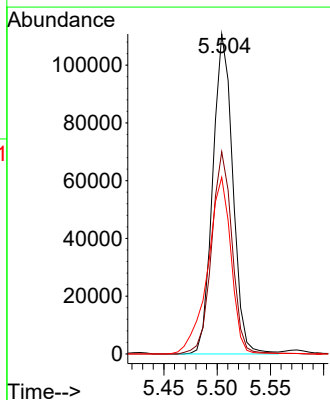
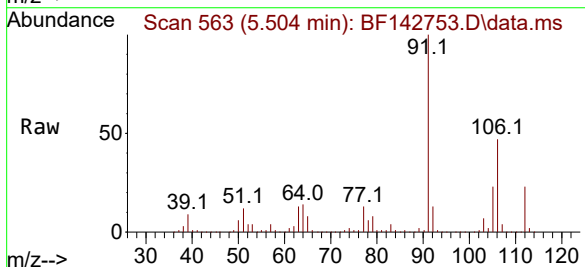
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605-ADL

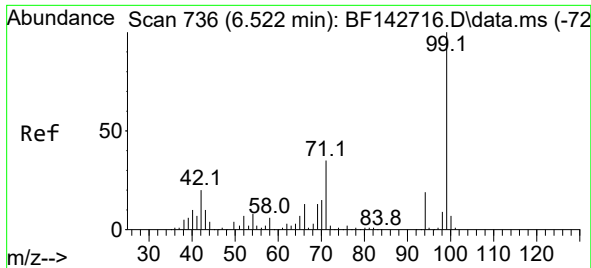
Tgt Ion:152 Resp: 66877
Ion Ratio Lower Upper
152 100
150 153.8 126.9 190.3
115 59.2 47.0 70.6



#5
2-Fluorophenol
Concen: 36.809 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF142753.D
Acq: 12 Jun 2025 13:00

Tgt Ion:112 Resp: 144538
Ion Ratio Lower Upper
112 100
64 63.2 47.4 71.2
63 55.2 25.4 38.0#

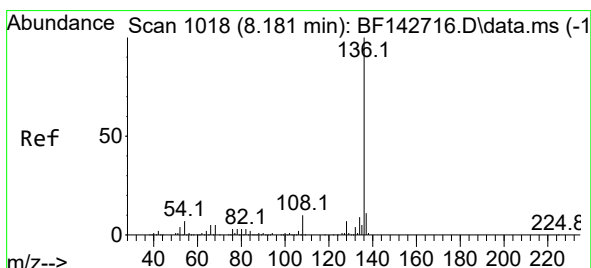
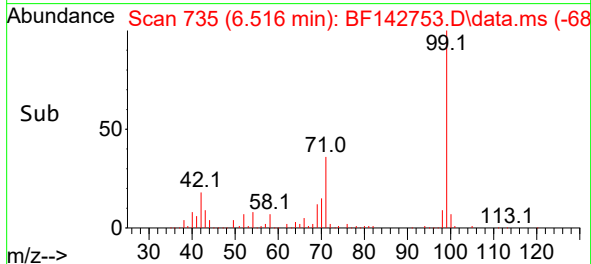
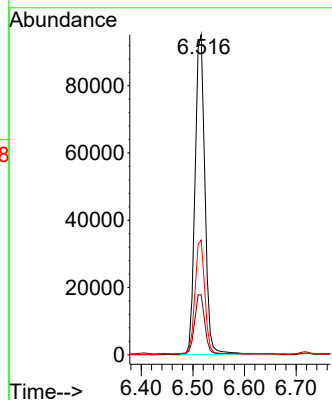
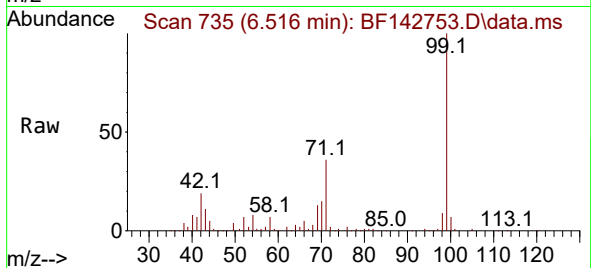




#7
Phenol-d6
Concen: 27.490 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142753.D
Acq: 12 Jun 2025 13:00

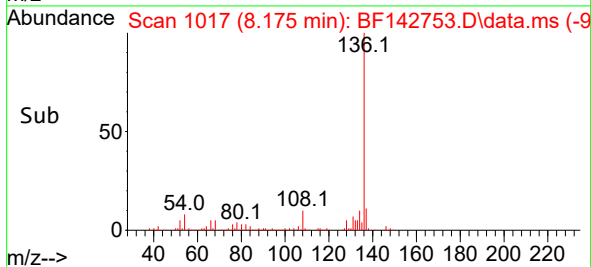
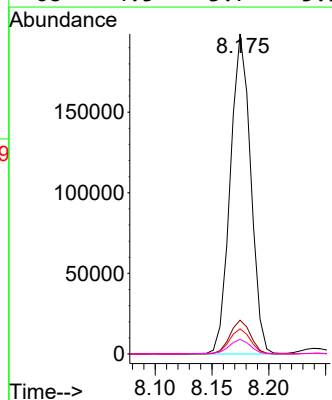
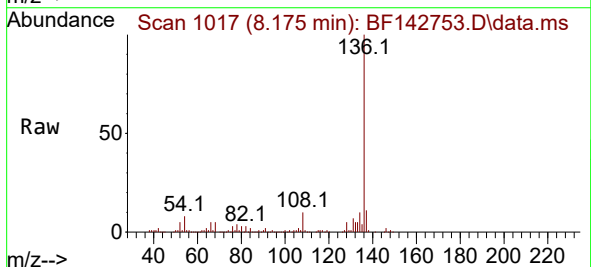
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605-ADL

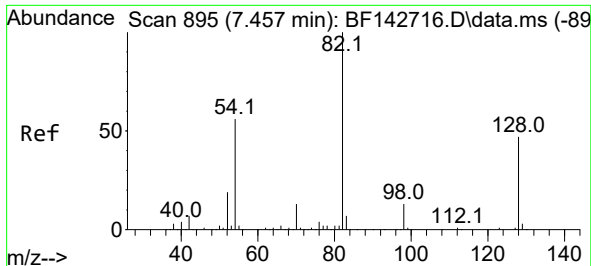
Tgt Ion: 99 Resp: 127037
Ion Ratio Lower Upper
99 100
42 18.7 15.9 23.9
71 35.8 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142753.D
Acq: 12 Jun 2025 13:00

Tgt Ion:136 Resp: 247965
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 7.8 5.9 8.9
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 45.536 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142753.D

Acq: 12 Jun 2025 13:00

Instrument :

BNA_F

ClientSampleId :

MW-2-20250605-ADL

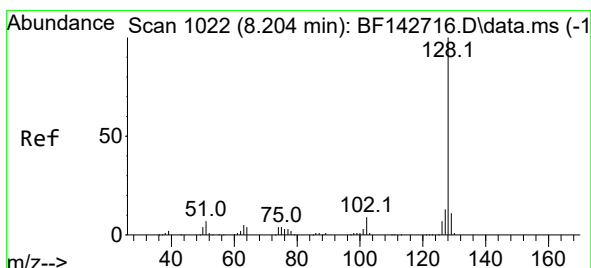
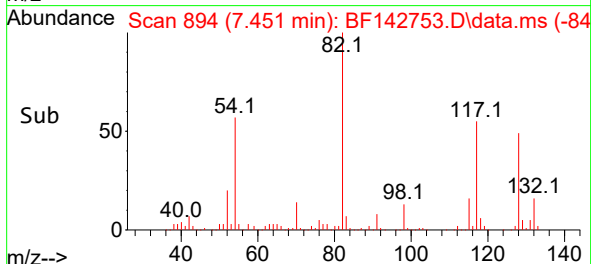
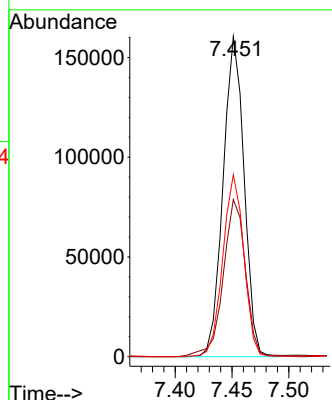
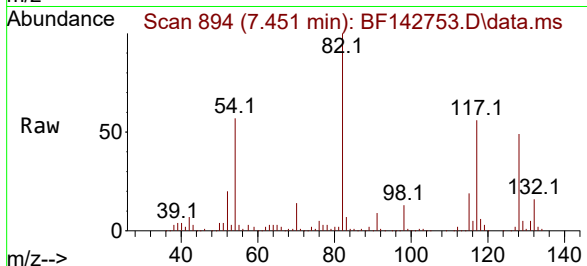
Tgt Ion: 82 Resp: 206320

Ion Ratio Lower Upper

82 100

128 49.1 37.8 56.8

54 56.8 44.9 67.3



#31

Naphthalene

Concen: 59.347 ng

RT: 8.198 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF142753.D

Acq: 12 Jun 2025 13:00

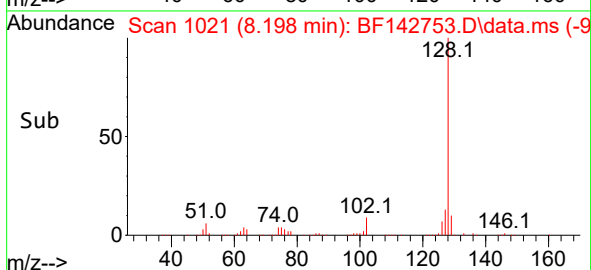
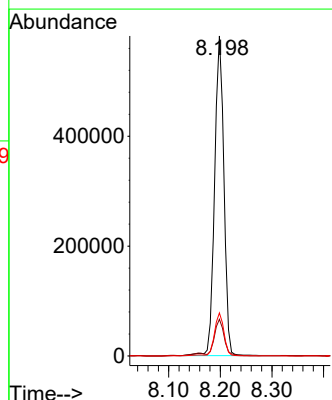
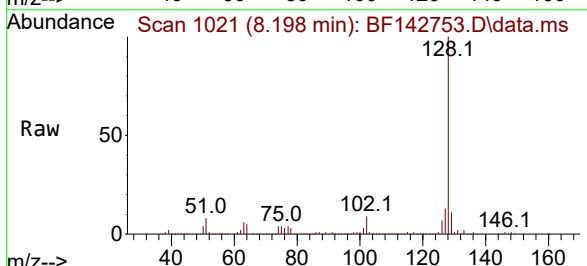
Tgt Ion:128 Resp: 727792

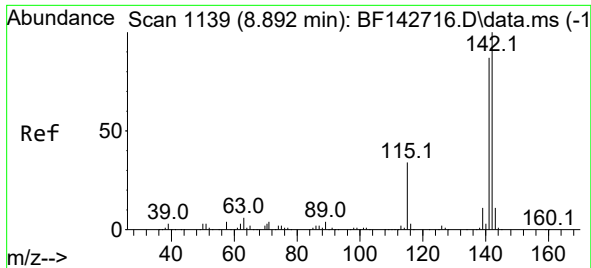
Ion Ratio Lower Upper

128 100

129 11.4 8.7 13.1

127 13.4 10.4 15.6

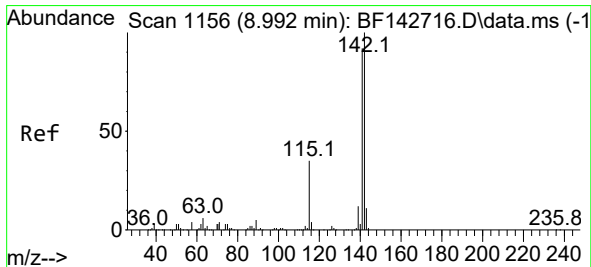
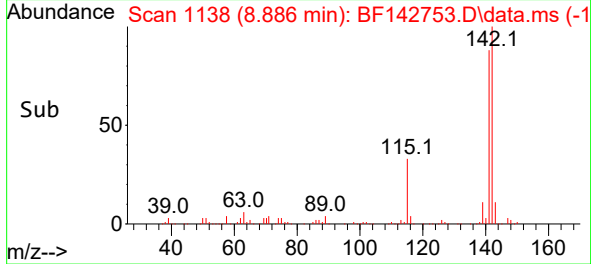
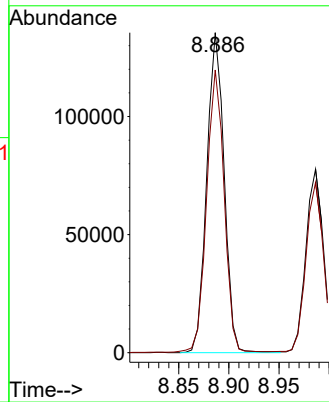
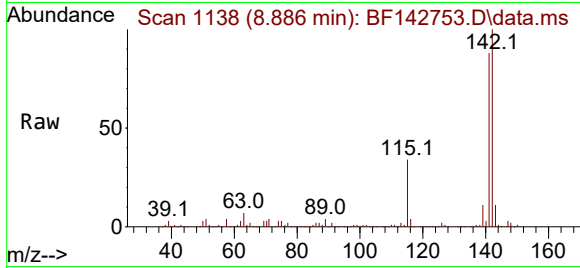




#37
2-Methylnaphthalene
Concen: 21.142 ng
RT: 8.886 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF142753.D
Acq: 12 Jun 2025 13:00

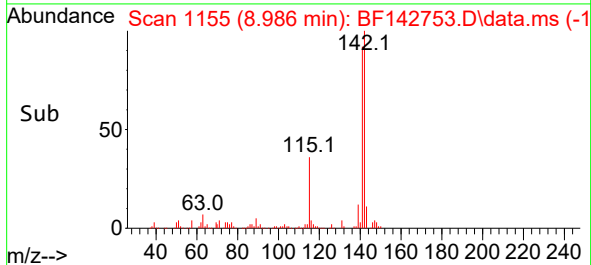
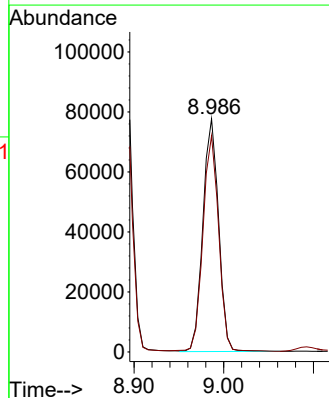
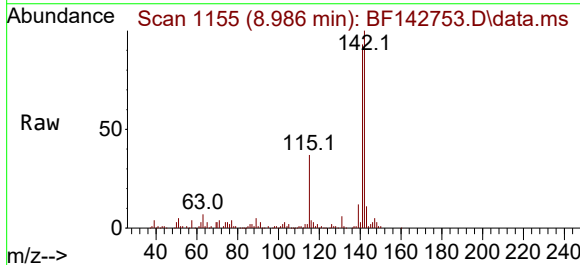
Instrument :
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ClientSampleId :
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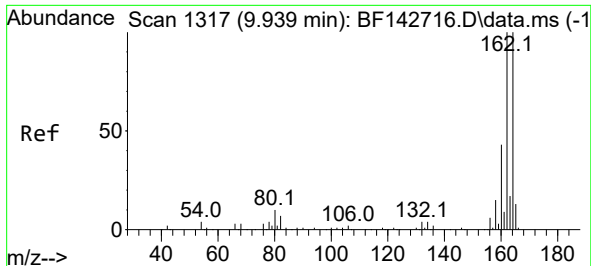
Tgt Ion:142 Resp: 164105
Ion Ratio Lower Upper
142 100
141 88.4 69.9 104.9



#38
1-Methylnaphthalene
Concen: 11.729 ng
RT: 8.986 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF142753.D
Acq: 12 Jun 2025 13:00

Tgt Ion:142 Resp: 94313
Ion Ratio Lower Upper
142 100
141 92.7 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142753.D

Acq: 12 Jun 2025 13:00

Instrument :

BNA_F

ClientSampleId :

MW-2-20250605-ADL

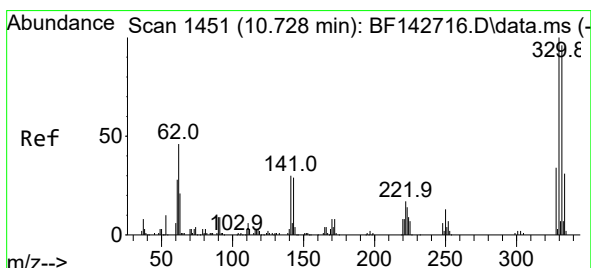
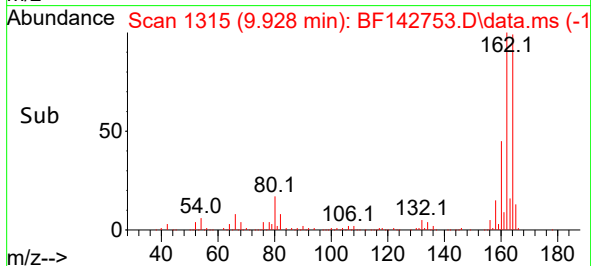
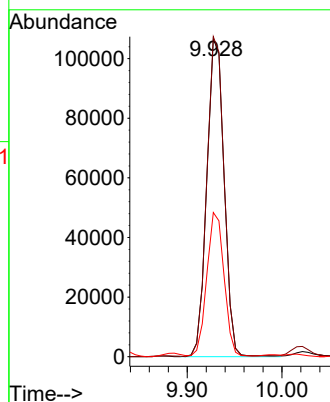
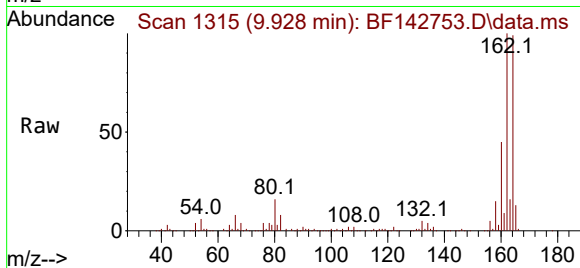
Tgt Ion:164 Resp: 135607

Ion Ratio Lower Upper

164 100

162 100.7 79.9 119.9

160 45.3 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 71.918 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF142753.D

Acq: 12 Jun 2025 13:00

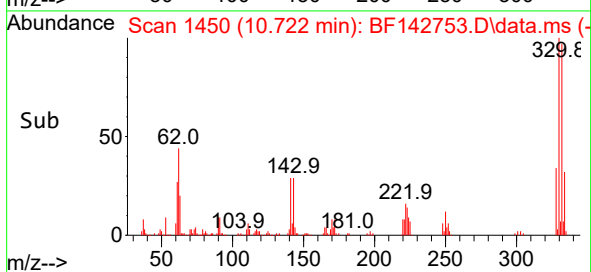
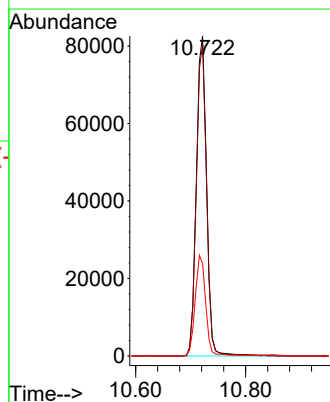
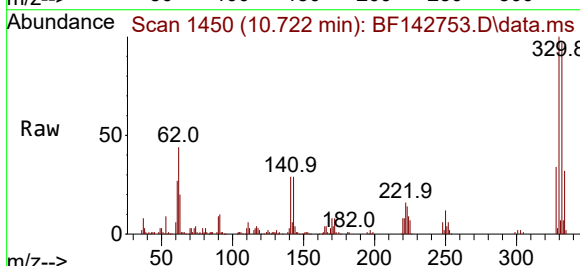
Tgt Ion:330 Resp: 106887

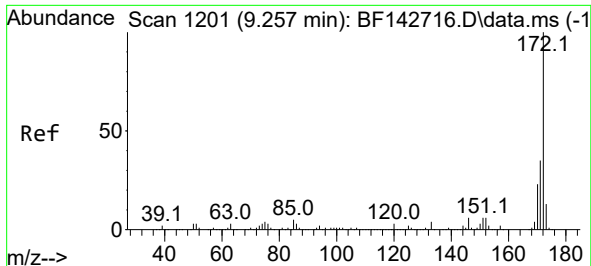
Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

141 32.3 25.4 38.0

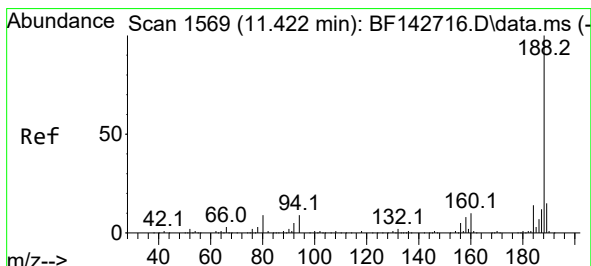
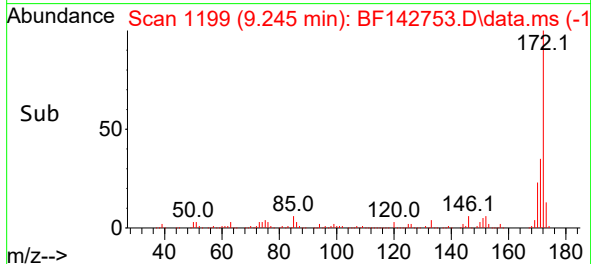
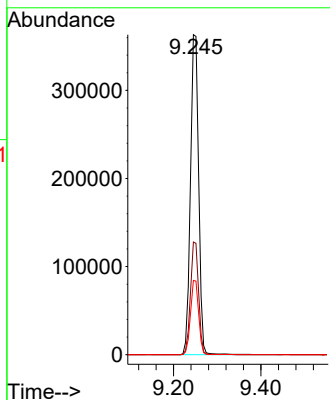
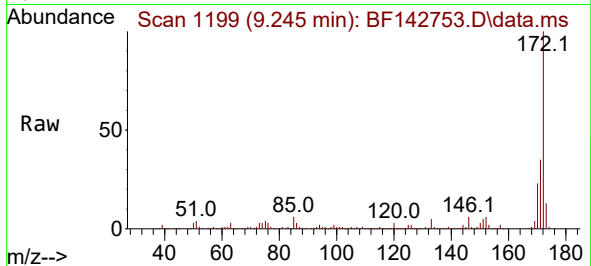




#45
2-Fluorobiphenyl
Concen: 46.296 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF142753.D
Acq: 12 Jun 2025 13:00

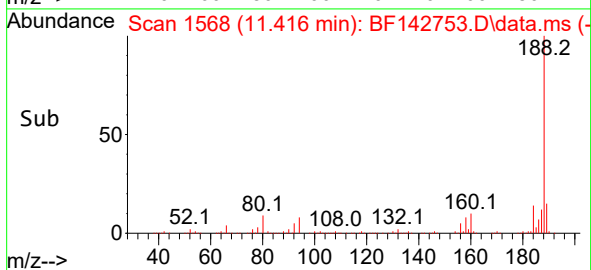
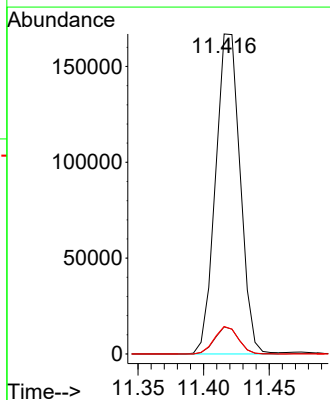
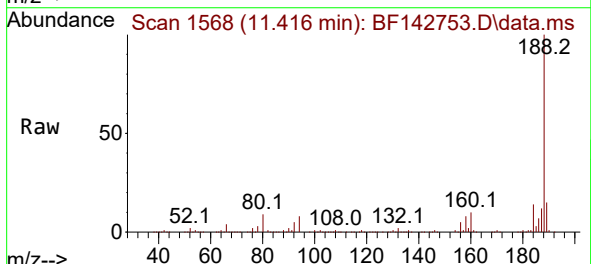
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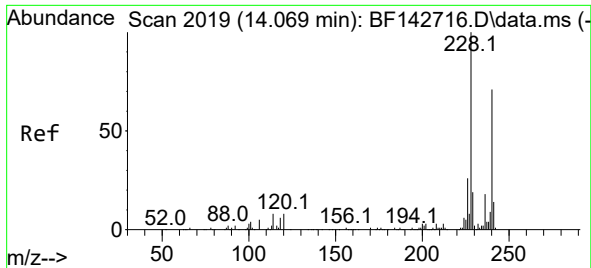
Tgt Ion:172 Resp: 472551
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.2 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF142753.D
Acq: 12 Jun 2025 13:00

Tgt Ion:188 Resp: 217678
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 8.6 7.1 10.7

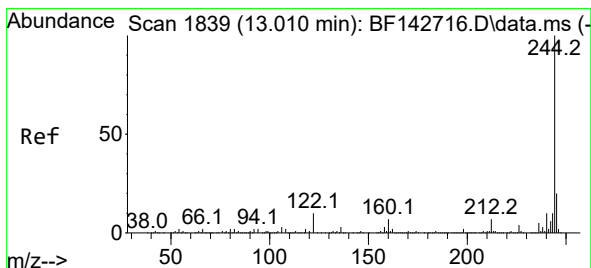
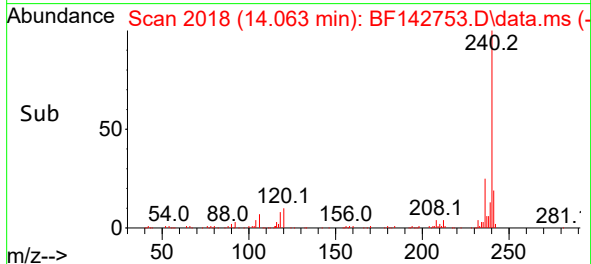
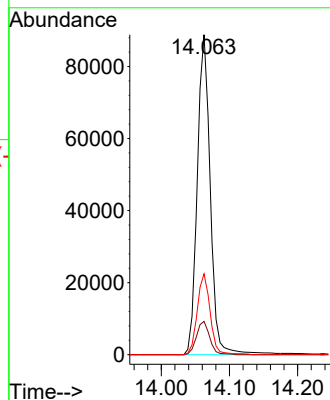
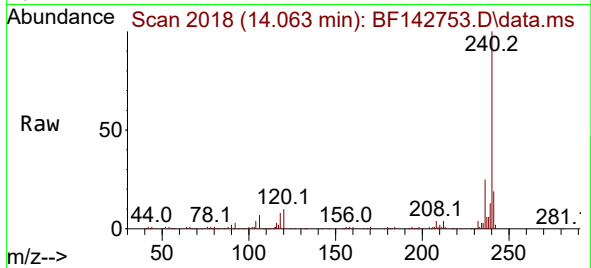




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142753.D
Acq: 12 Jun 2025 13:00

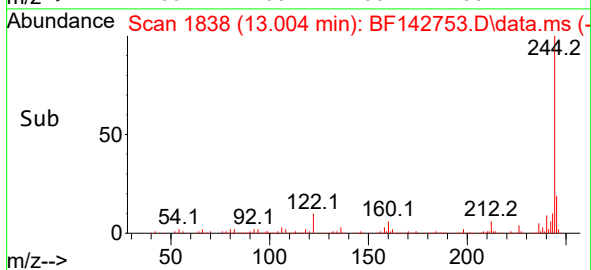
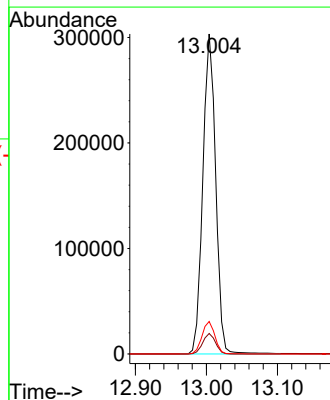
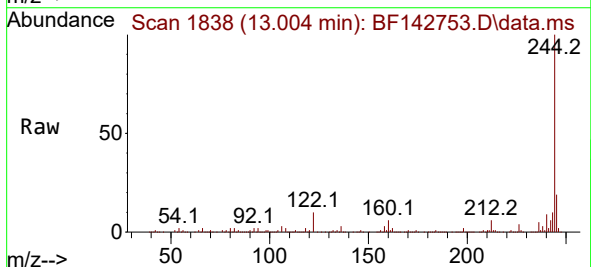
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605-ADL

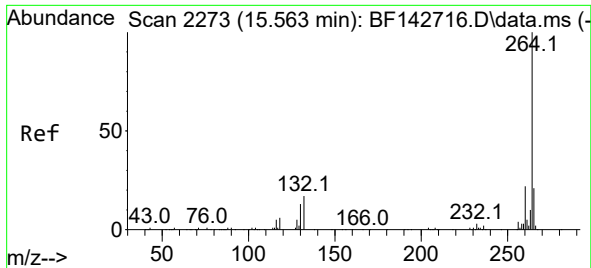
Tgt Ion:240 Resp: 118180
Ion Ratio Lower Upper
240 100
120 10.4 8.5 12.7
236 25.2 20.1 30.1



#79
Terphenyl-d14
Concen: 44.454 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF142753.D
Acq: 12 Jun 2025 13:00

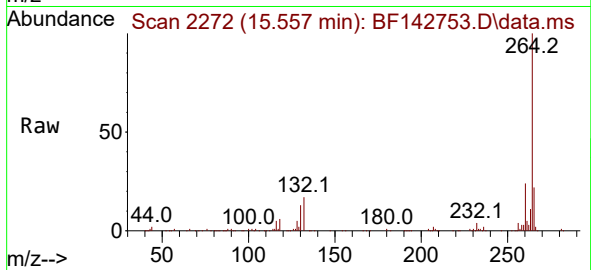
Tgt Ion:244 Resp: 382508
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 10.1 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142753.D
Acq: 12 Jun 2025 13:00

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605-ADL



Tgt Ion:264 Resp: 146576
Ion Ratio Lower Upper
264 100
260 23.6 17.8 26.6
265 21.9 16.6 25.0

