

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142755.D
 Acq On : 12 Jun 2025 13:59
 Operator : RC/JU
 Sample : Q2268-08DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20250605DL

Quant Time: Jun 12 14:19:53 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)

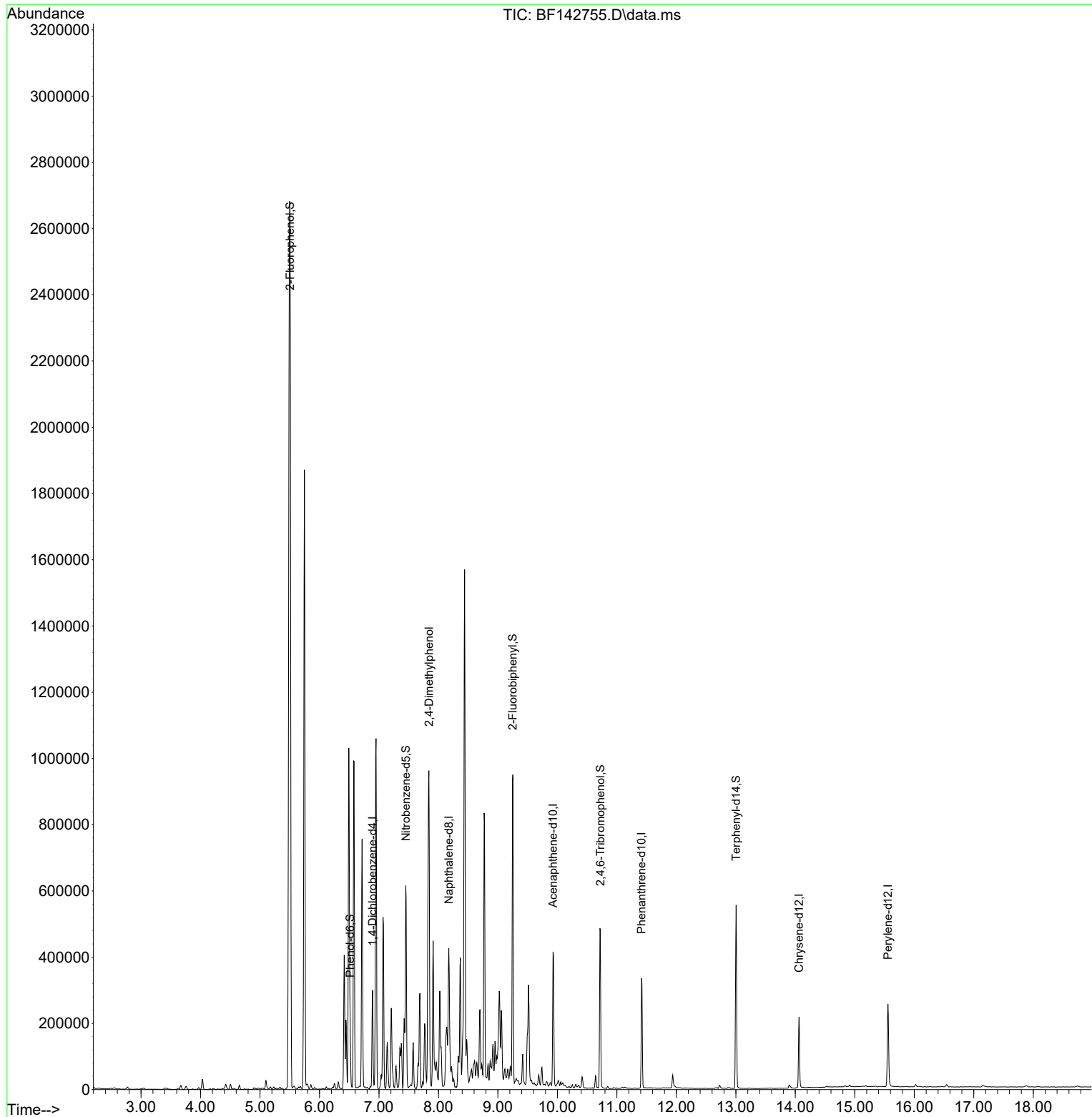
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	65644	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	239333	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	121845	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	175442	20.000	ng	0.00
76) Chrysene-d12	14.062	240	109504	20.000	ng	0.00
86) Perylene-d12	15.556	264	154313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	107560	27.907	ng	0.00
7) Phenol-d6	6.516	99	88915	19.602	ng	0.00
23) Nitrobenzene-d5	7.451	82	188909	43.197	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	84564	63.325	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	429065	46.784	ng	0.00
79) Terphenyl-d14	13.004	244	268162	33.634	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.839	122	279285	75.729	ng	Qvalue # 91

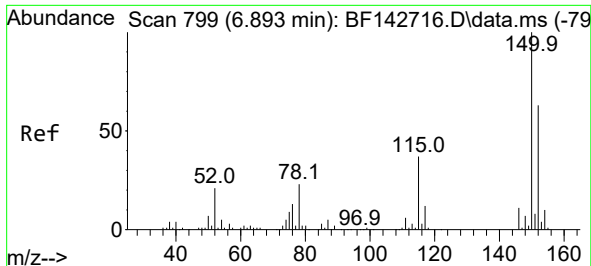
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142755.D
Acq On : 12 Jun 2025 13:59
Operator : RC/JU
Sample : Q2268-08DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-20250605DL

Quant Time: Jun 12 14:19:53 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

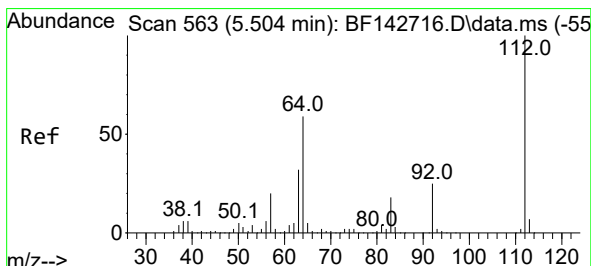
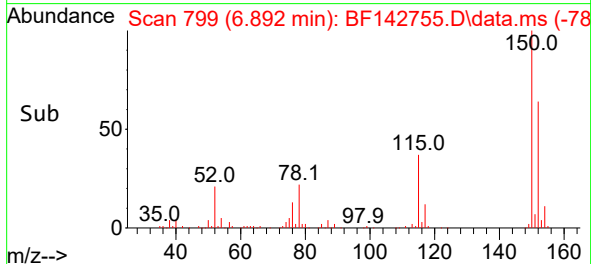
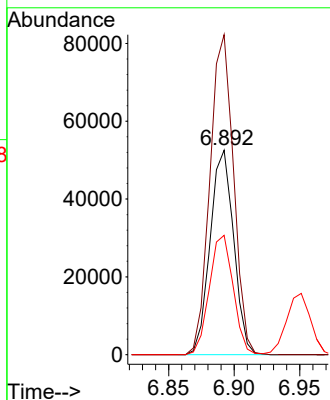
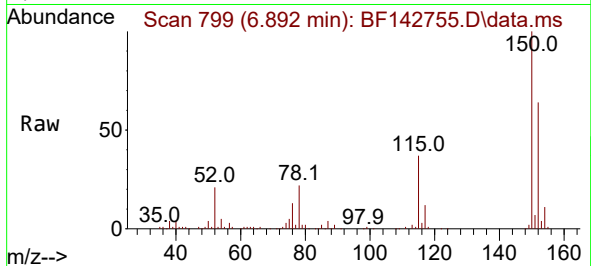




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF142755.D
Acq: 12 Jun 2025 13:59

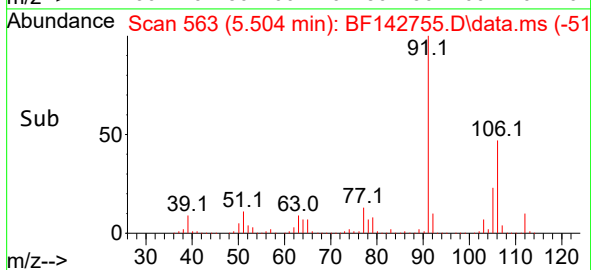
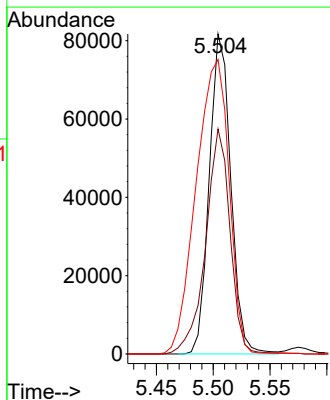
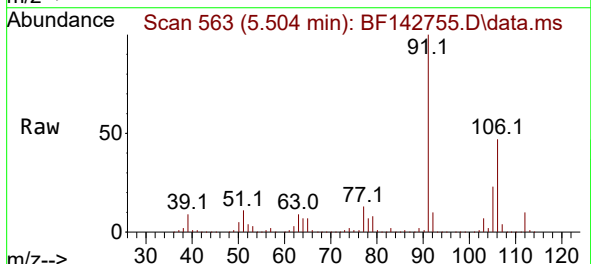
Instrument :
BNA_F
ClientSampleId :
MW-3-20250605DL

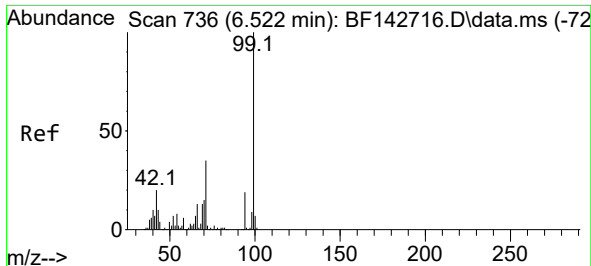
Tgt Ion:152 Resp: 65644
Ion Ratio Lower Upper
152 100
150 156.5 126.9 190.3
115 58.4 47.0 70.6



#5
2-Fluorophenol
Concen: 27.907 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF142755.D
Acq: 12 Jun 2025 13:59

Tgt Ion:112 Resp: 107560
Ion Ratio Lower Upper
112 100
64 70.3 47.4 71.2
63 92.0 25.4 38.0#

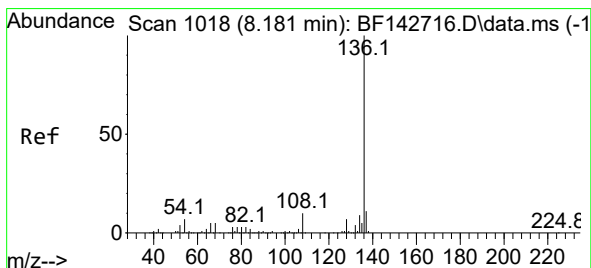
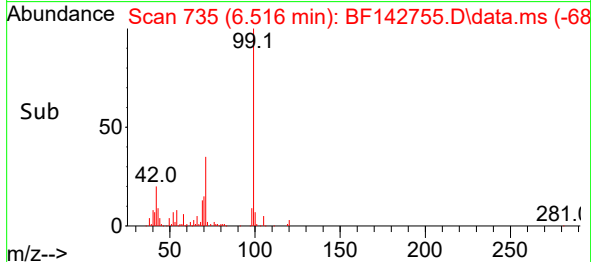
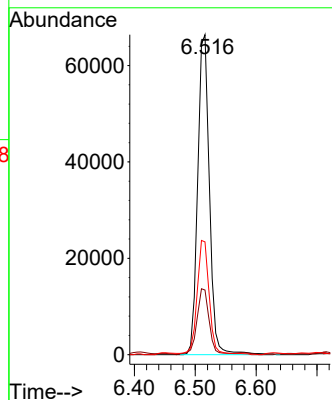
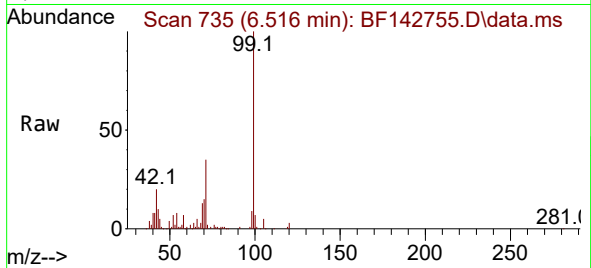




#7
Phenol-d6
Concen: 19.602 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142755.D
Acq: 12 Jun 2025 13:59

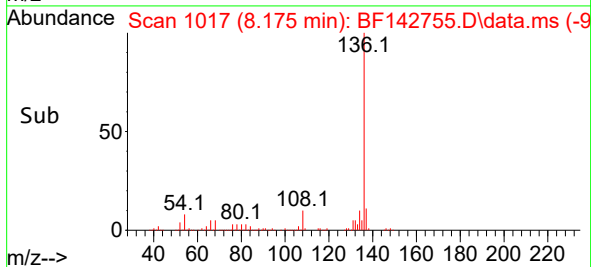
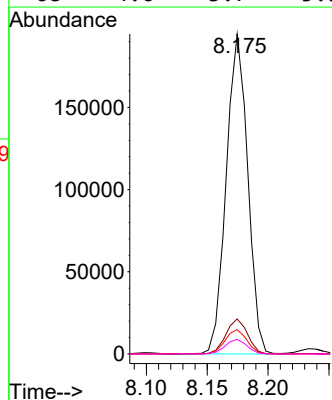
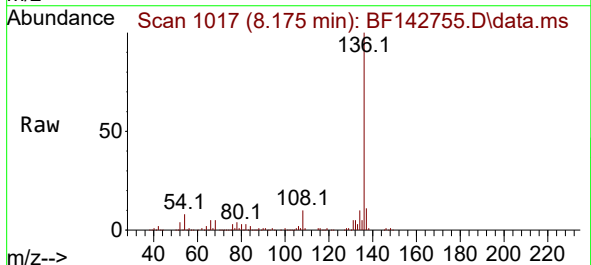
Instrument :
BNA_F
ClientSampleId :
MW-3-20250605DL

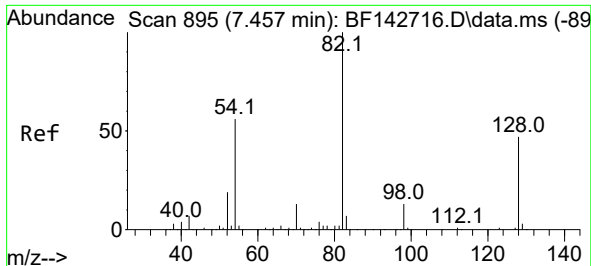
Tgt Ion: 99 Resp: 88915
Ion Ratio Lower Upper
99 100
42 20.2 15.9 23.9
71 35.3 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142755.D
Acq: 12 Jun 2025 13:59

Tgt Ion: 136 Resp: 239333
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.6 5.9 8.9
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 43.197 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142755.D

Acq: 12 Jun 2025 13:59

Instrument :

BNA_F

ClientSampleId :

MW-3-20250605DL

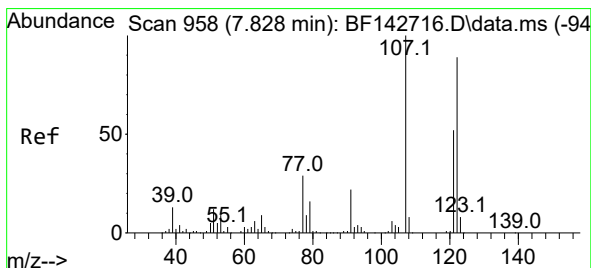
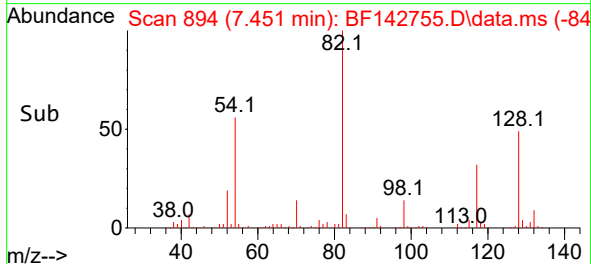
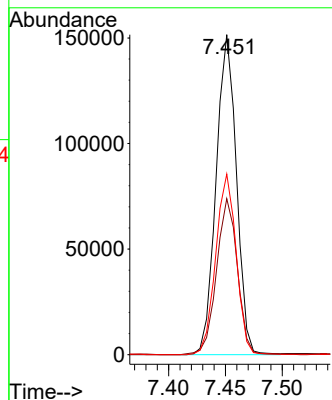
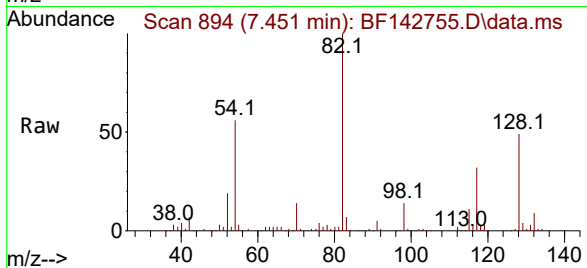
Tgt Ion: 82 Resp: 188909

Ion Ratio Lower Upper

82 100

128 48.8 37.8 56.8

54 56.5 44.9 67.3



#27

2,4-Dimethylphenol

Concen: 75.729 ng

RT: 7.839 min Scan# 960

Delta R.T. 0.012 min

Lab File: BF142755.D

Acq: 12 Jun 2025 13:59

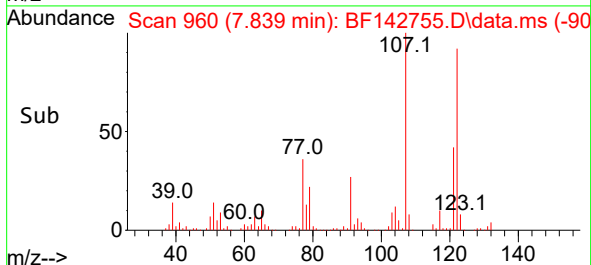
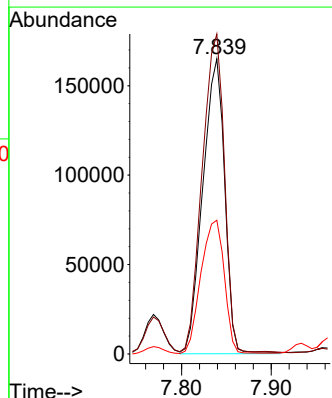
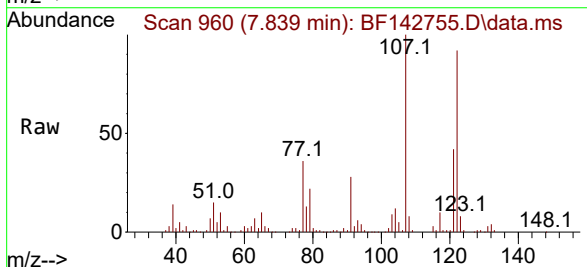
Tgt Ion: 122 Resp: 279285

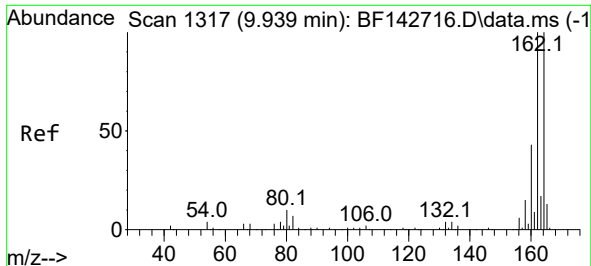
Ion Ratio Lower Upper

122 100

107 108.4 90.4 135.6

121 45.3 46.9 70.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142755.D

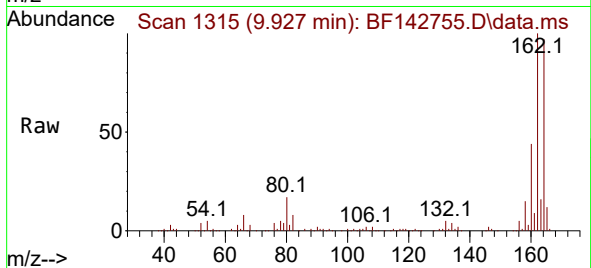
Acq: 12 Jun 2025 13:59

Instrument :

BNA_F

ClientSampleId :

MW-3-20250605DL



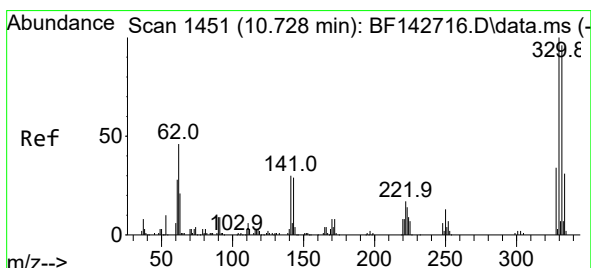
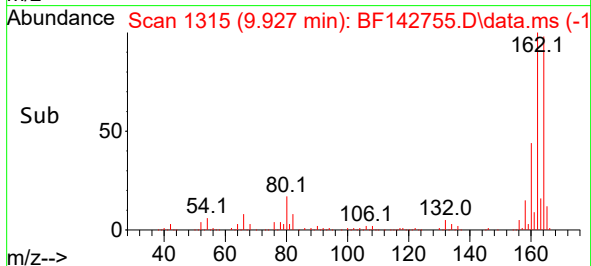
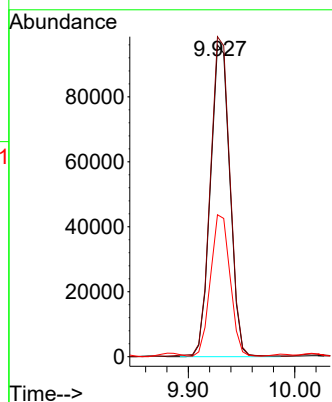
Tgt Ion:164 Resp: 121845

Ion Ratio Lower Upper

164 100

162 102.7 79.9 119.9

160 45.5 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 63.325 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF142755.D

Acq: 12 Jun 2025 13:59

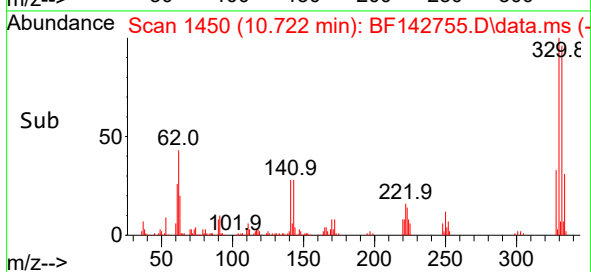
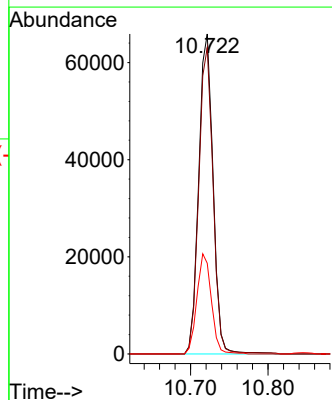
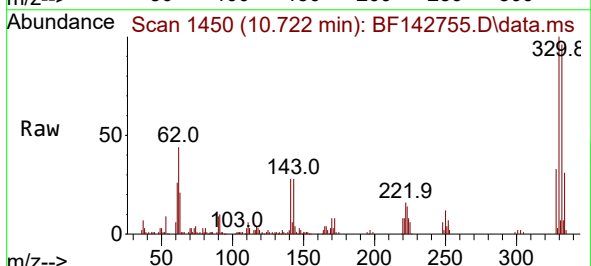
Tgt Ion:330 Resp: 84564

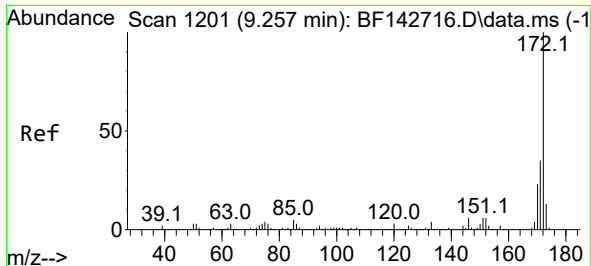
Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

141 31.5 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 46.784 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142755.D

Acq: 12 Jun 2025 13:59

Instrument :

BNA_F

ClientSampleId :

MW-3-20250605DL

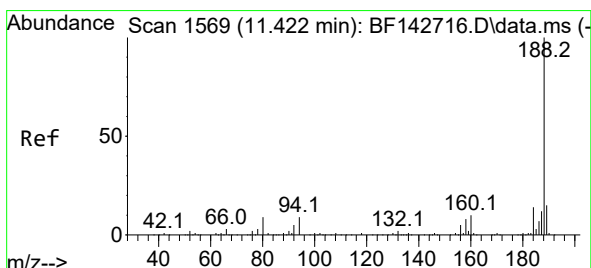
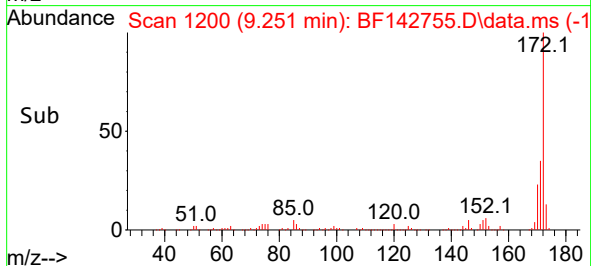
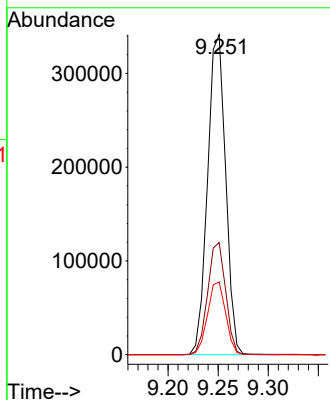
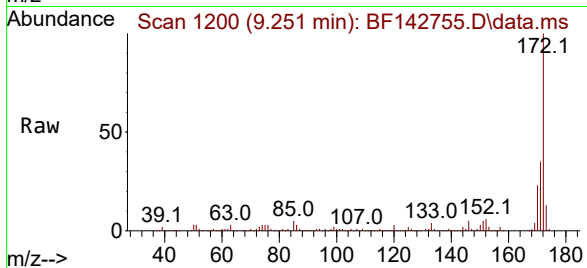
Tgt Ion:172 Resp: 429065

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 22.8 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: BF142755.D

Acq: 12 Jun 2025 13:59

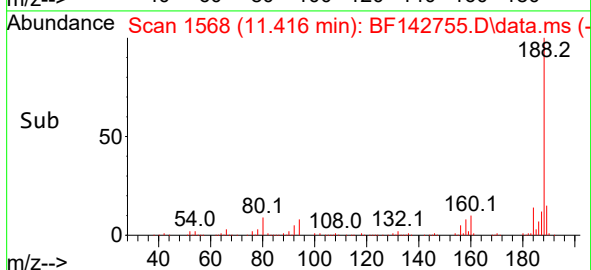
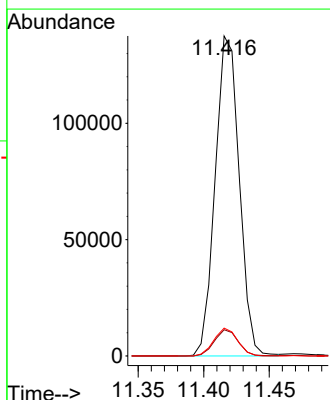
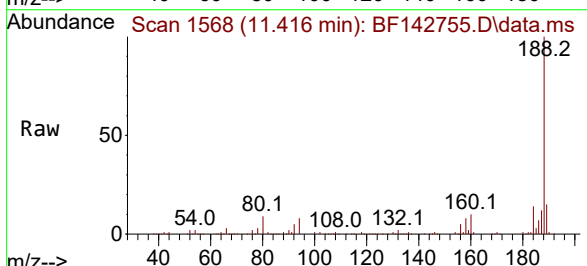
Tgt Ion:188 Resp: 175442

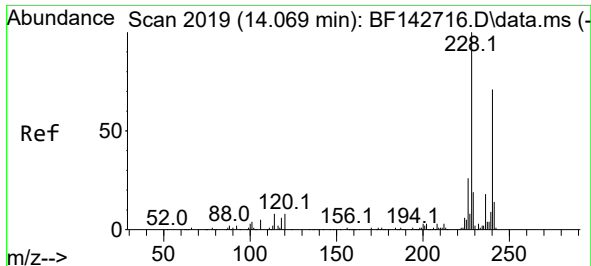
Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

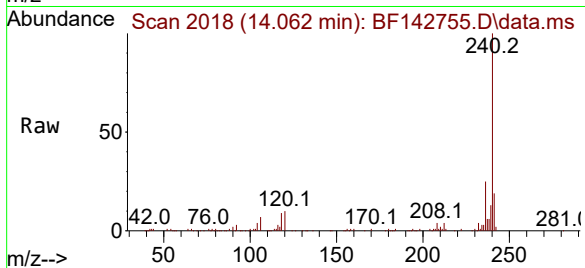
80 8.7 7.1 10.7



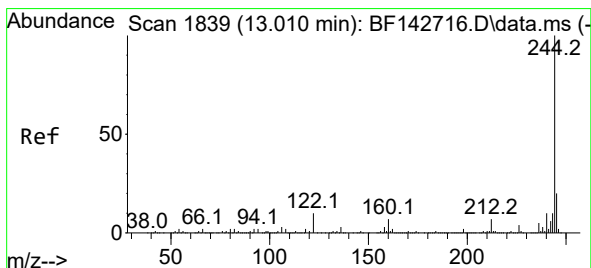
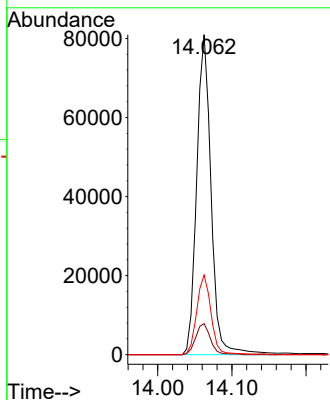
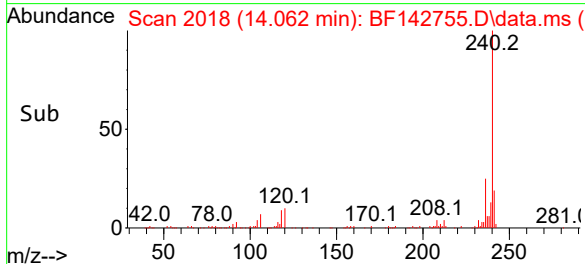


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142755.D
Acq: 12 Jun 2025 13:59

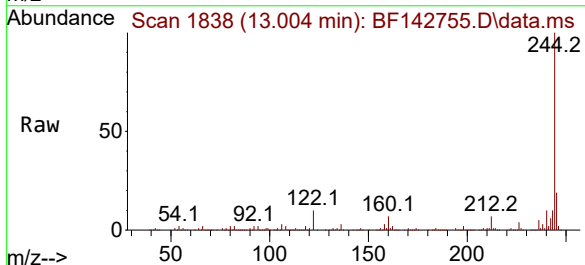
Instrument :
BNA_F
ClientSampleId :
MW-3-20250605DL



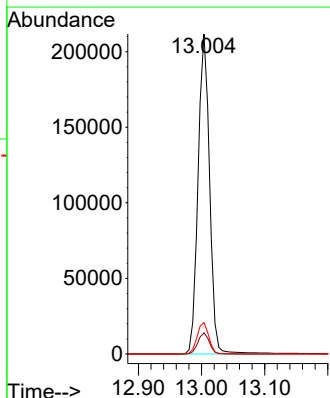
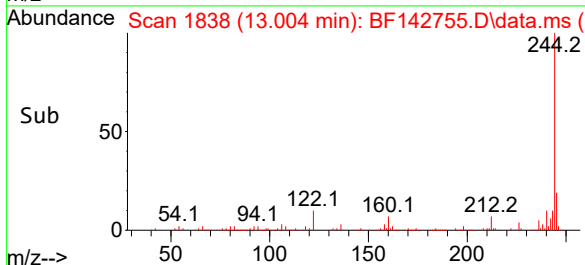
Tgt Ion:240 Resp: 109504
Ion Ratio Lower Upper
240 100
120 9.7 8.5 12.7
236 24.9 20.1 30.1

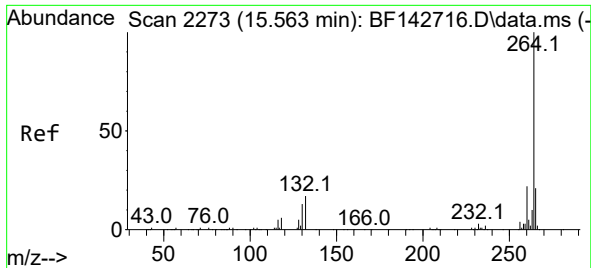


#79
Terphenyl-d14
Concen: 33.634 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF142755.D
Acq: 12 Jun 2025 13:59



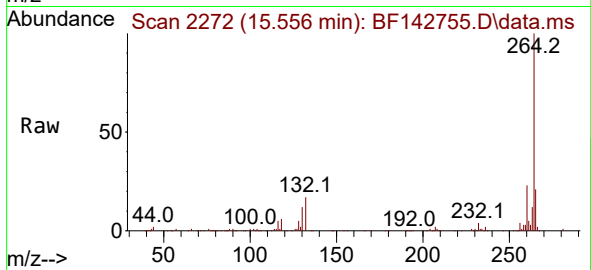
Tgt Ion:244 Resp: 268162
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 9.8 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142755.D
Acq: 12 Jun 2025 13:59

Instrument :
BNA_F
ClientSampleId :
MW-3-20250605DL



Tgt Ion:264 Resp: 154313
Ion Ratio Lower Upper
264 100
260 23.4 17.8 26.6
265 21.1 16.6 25.0

