

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142739.D
 Acq On : 11 Jun 2025 17:19
 Operator : RC/JU
 Sample : Q2268-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20250605

Quant Time: Jun 11 18:56:11 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)

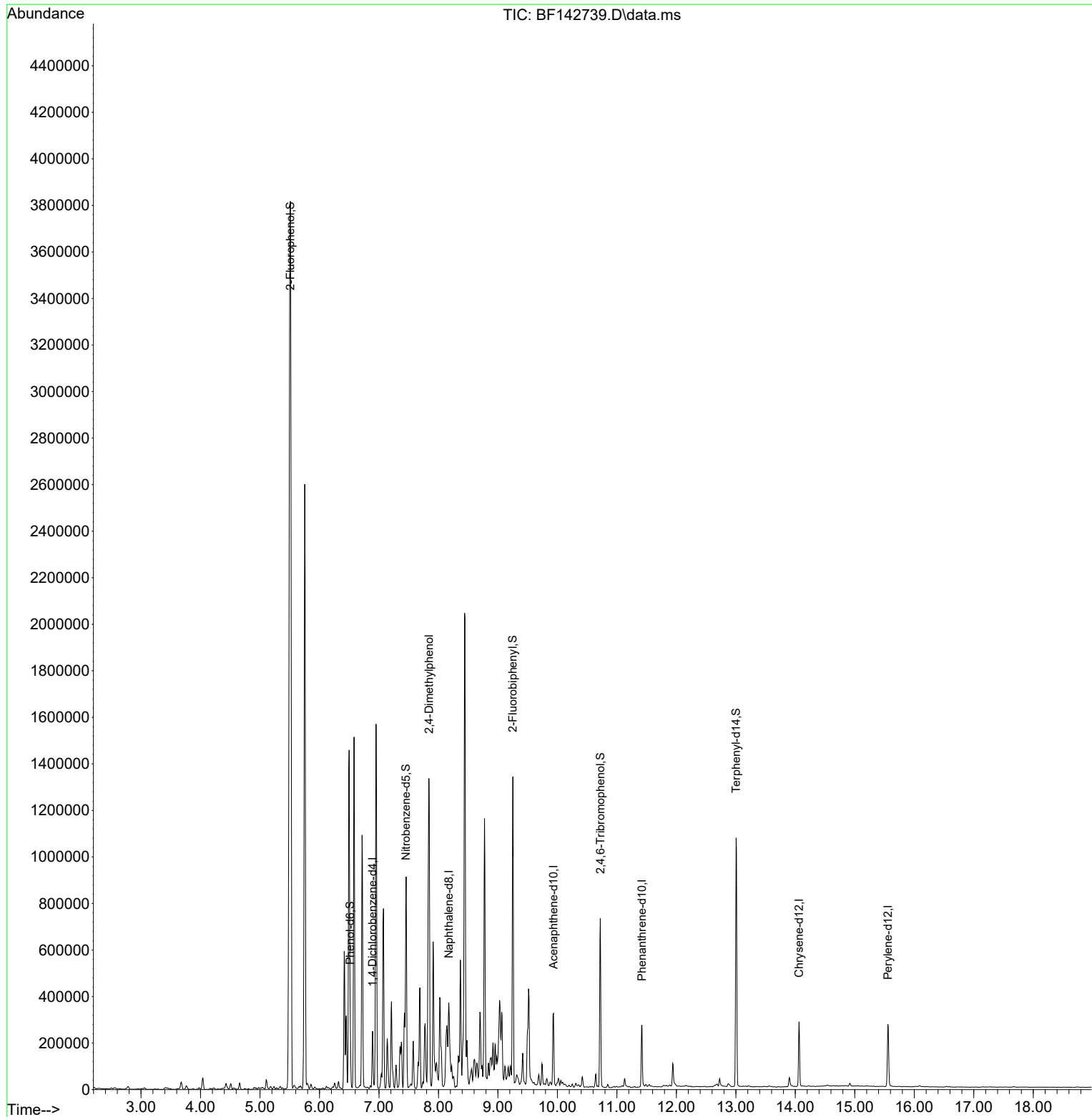
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	52802	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	187845	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	93296	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	142687	20.000	ng	0.00
76) Chrysene-d12	14.062	240	135490	20.000	ng	0.00
86) Perylene-d12	15.556	264	164328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	147075	47.439	ng	0.00
7) Phenol-d6	6.516	99	127735	35.010	ng	0.00
23) Nitrobenzene-d5	7.451	82	272685	79.445	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	120919	118.257	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	577124	82.184	ng	0.00
79) Terphenyl-d14	13.004	244	524435	53.161	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.839	122	385304	133.113	ng	Qvalue # 92

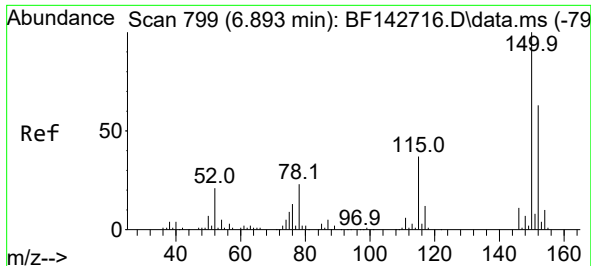
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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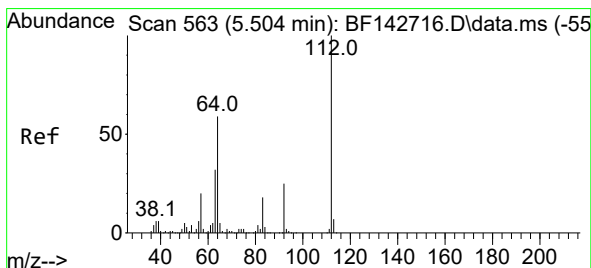
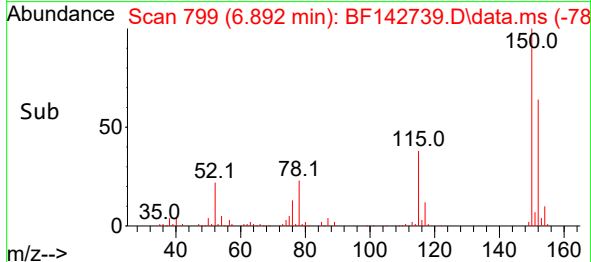
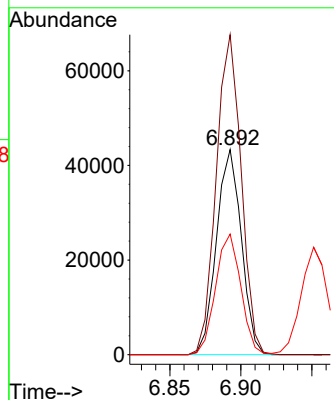
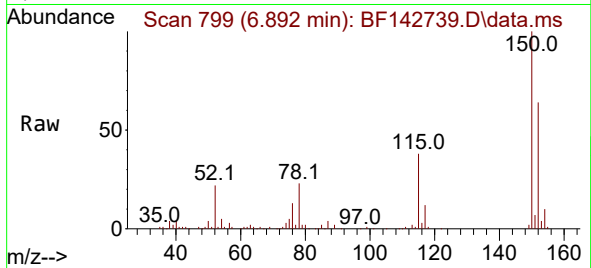




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF142739.D
Acq: 11 Jun 2025 17:19

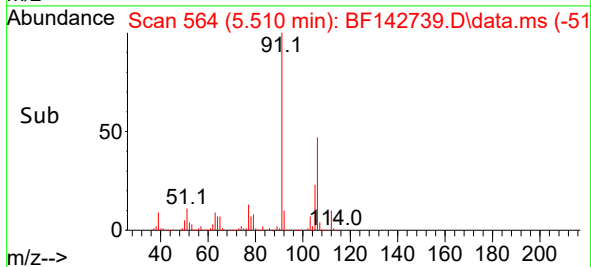
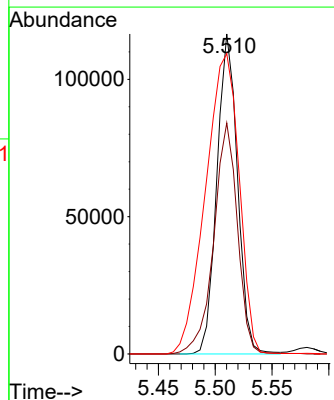
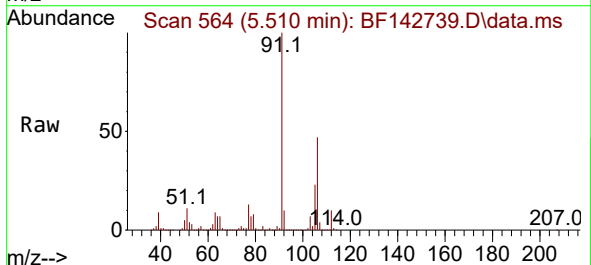
Instrument :
BNA_F
ClientSampleId :
MW-3-20250605

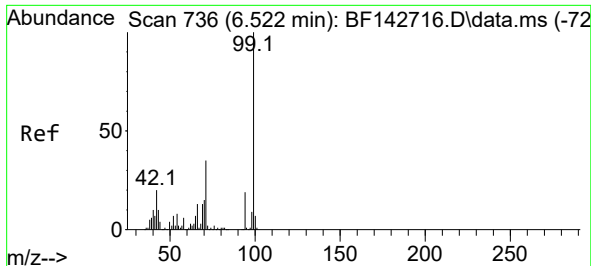
Tgt Ion:152 Resp: 52802
Ion Ratio Lower Upper
152 100
150 156.0 126.9 190.3
115 58.8 47.0 70.6



#5
2-Fluorophenol
Concen: 47.439 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF142739.D
Acq: 11 Jun 2025 17:19

Tgt Ion:112 Resp: 147075
Ion Ratio Lower Upper
112 100
64 72.2 47.4 71.2#
63 93.8 25.4 38.0#

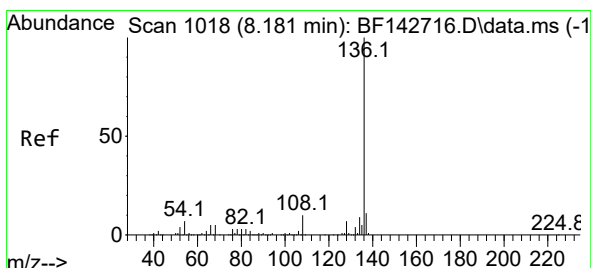
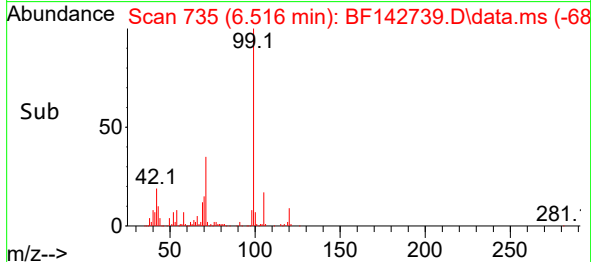
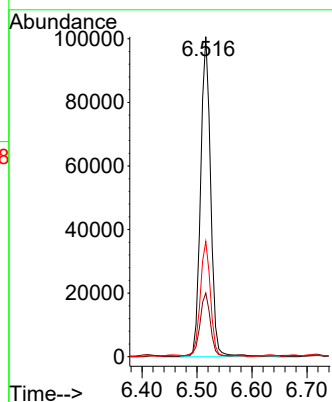
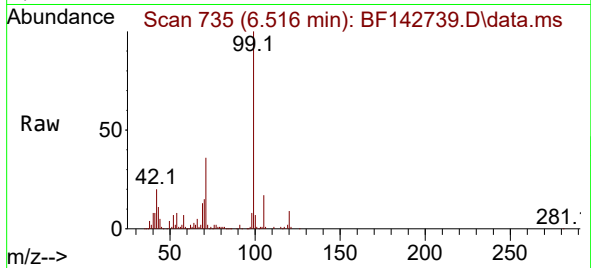




#7
Phenol-d6
Concen: 35.010 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142739.D
Acq: 11 Jun 2025 17:19

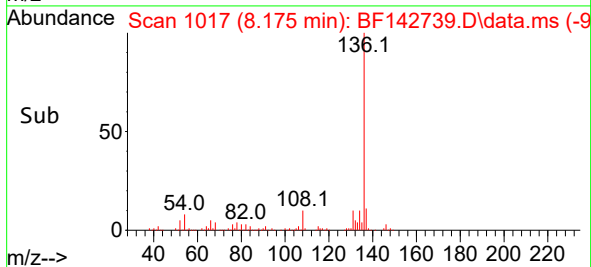
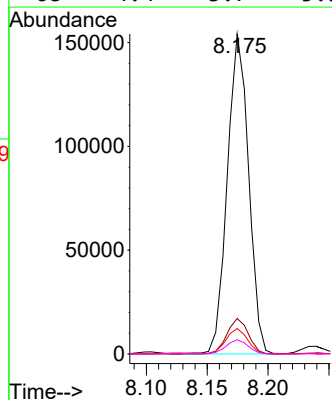
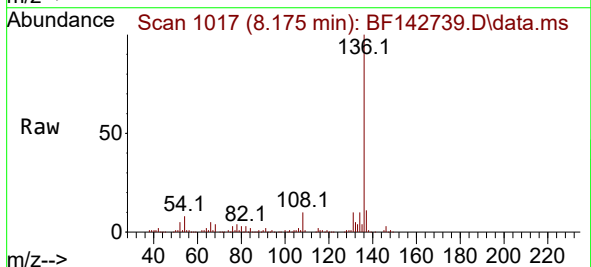
Instrument :
BNA_F
ClientSampleId :
MW-3-20250605

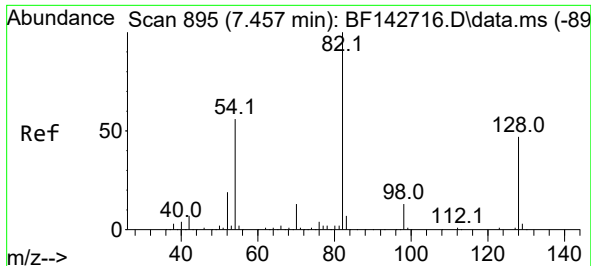
Tgt Ion: 99 Resp: 127735
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 36.0 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142739.D
Acq: 11 Jun 2025 17:19

Tgt Ion: 136 Resp: 187845
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.0 5.9 8.9
68 4.4 3.7 5.5

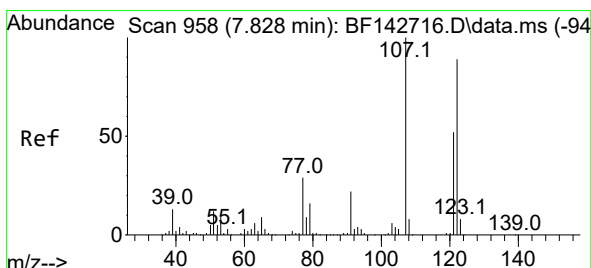
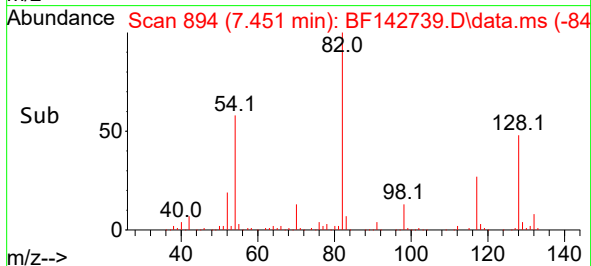
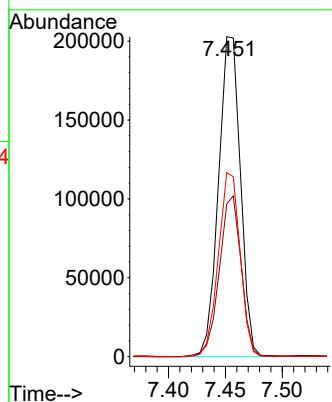
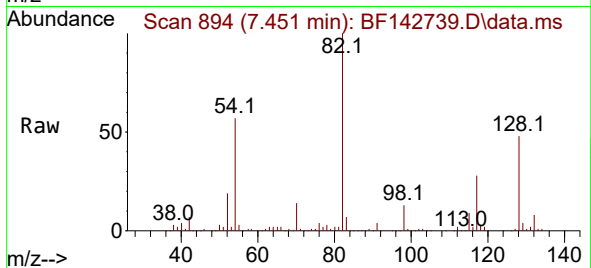




#23
Nitrobenzene-d5
Concen: 79.445 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF142739.D
Acq: 11 Jun 2025 17:19

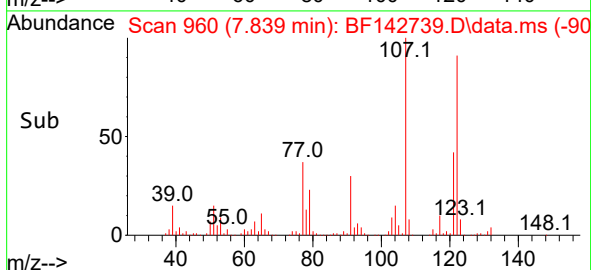
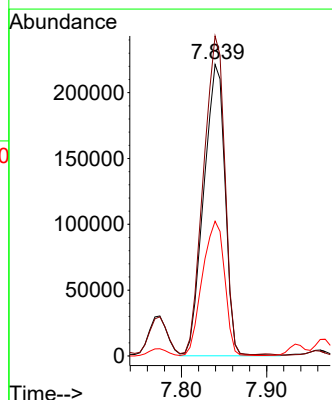
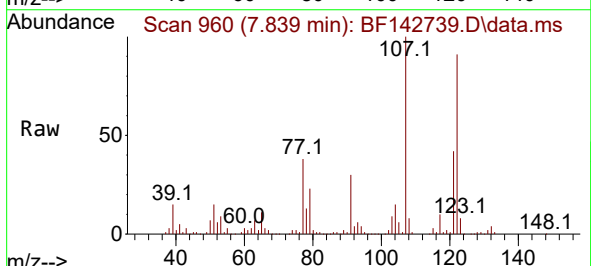
Instrument :
BNA_F
ClientSampleId :
MW-3-20250605

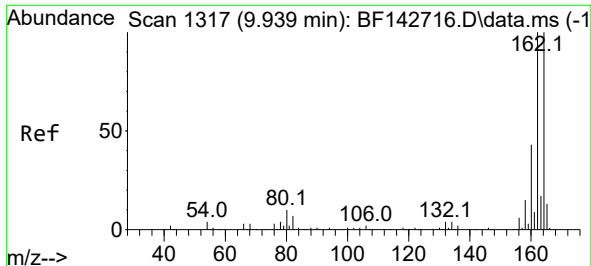
Tgt Ion: 82 Resp: 272685
Ion Ratio Lower Upper
82 100
128 47.8 37.8 56.8
54 57.5 44.9 67.3



#27
2,4-Dimethylphenol
Concen: 133.113 ng
RT: 7.839 min Scan# 960
Delta R.T. 0.012 min
Lab File: BF142739.D
Acq: 11 Jun 2025 17:19

Tgt Ion: 122 Resp: 385304
Ion Ratio Lower Upper
122 100
107 109.8 90.4 135.6
121 46.2 46.9 70.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF142739.D

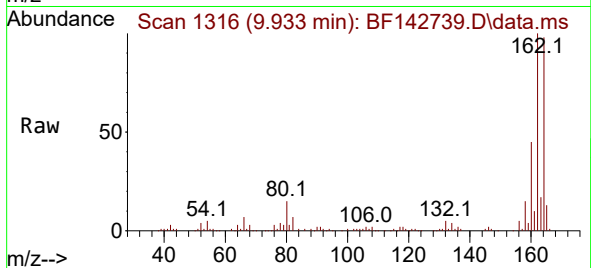
Acq: 11 Jun 2025 17:19

Instrument :

BNA_F

ClientSampleId :

MW-3-20250605



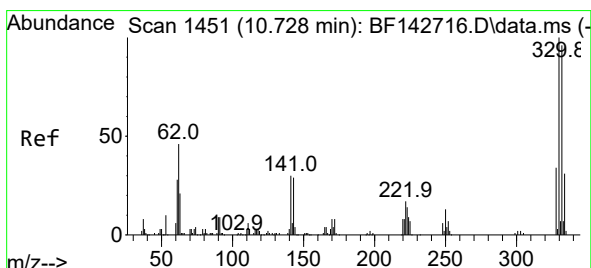
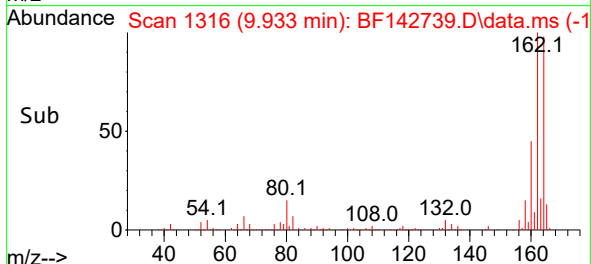
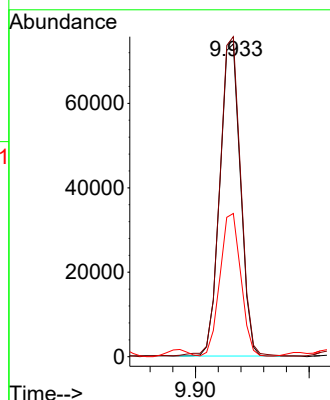
Tgt Ion:164 Resp: 93296

Ion Ratio Lower Upper

164 100

162 102.3 79.9 119.9

160 45.8 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 118.257 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF142739.D

Acq: 11 Jun 2025 17:19

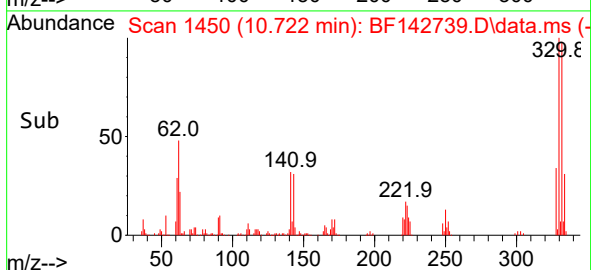
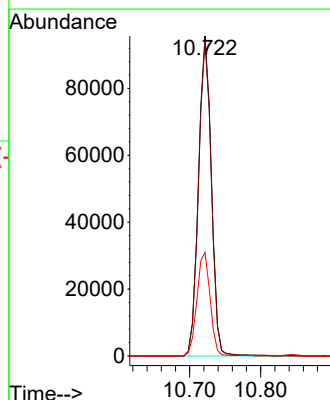
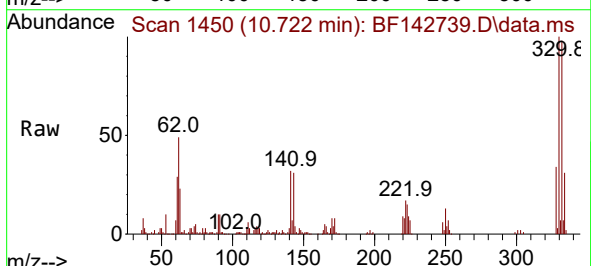
Tgt Ion:330 Resp: 120919

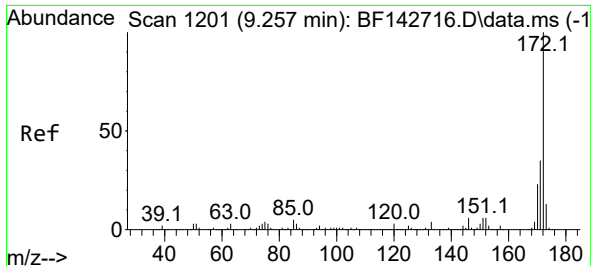
Ion Ratio Lower Upper

330 100

332 98.1 77.0 115.6

141 33.2 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 82.184 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142739.D

Acq: 11 Jun 2025 17:19

Instrument :

BNA_F

ClientSampleId :

MW-3-20250605

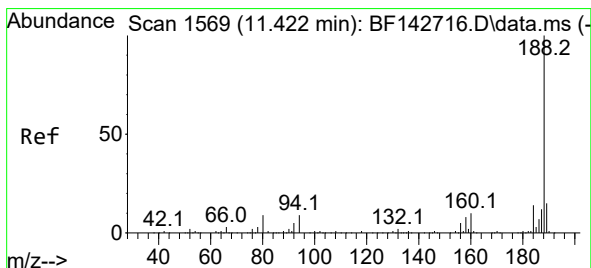
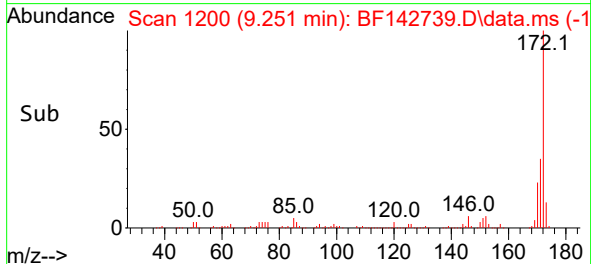
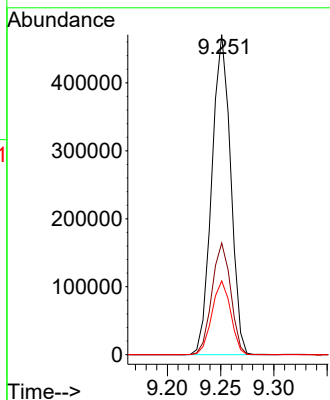
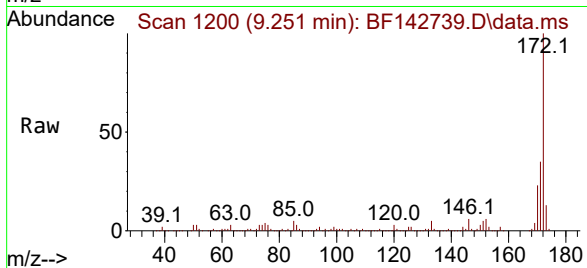
Tgt Ion:172 Resp: 577124

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.1 18.6 27.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 1569

Delta R.T. -0.000 min

Lab File: BF142739.D

Acq: 11 Jun 2025 17:19

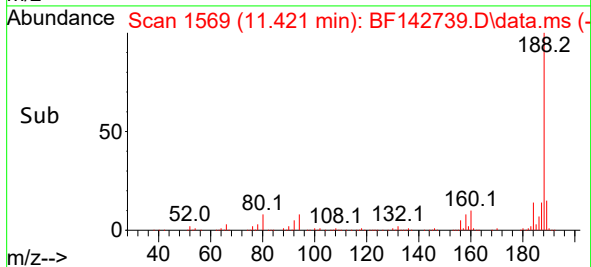
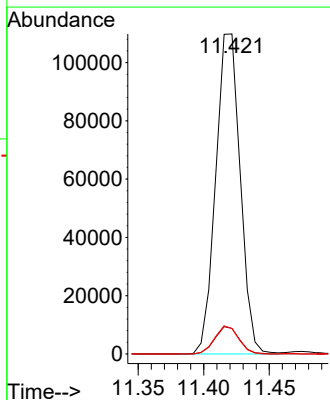
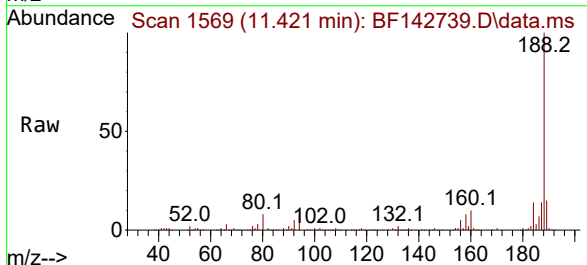
Tgt Ion:188 Resp: 142687

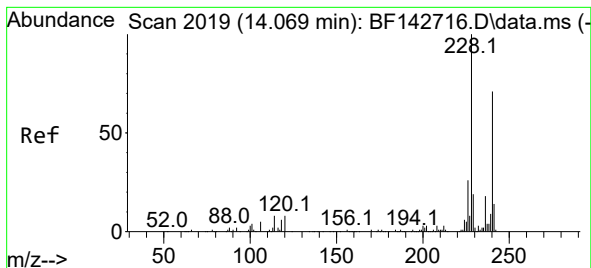
Ion Ratio Lower Upper

188 100

94 8.0 6.8 10.2

80 8.0 7.1 10.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142739.D

Acq: 11 Jun 2025 17:19

Instrument :

BNA_F

ClientSampleId :

MW-3-20250605

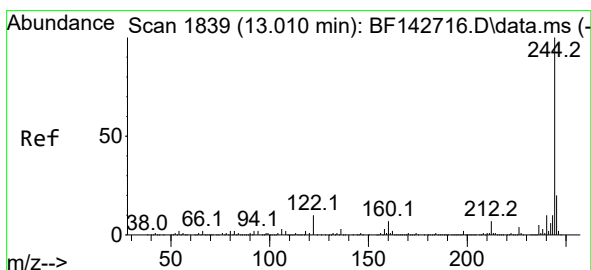
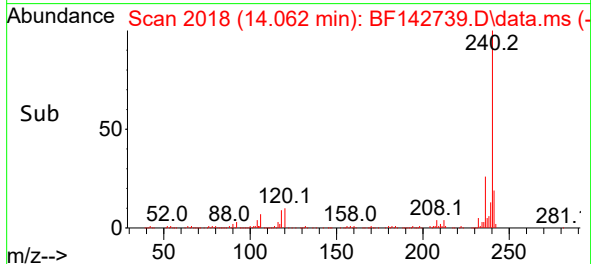
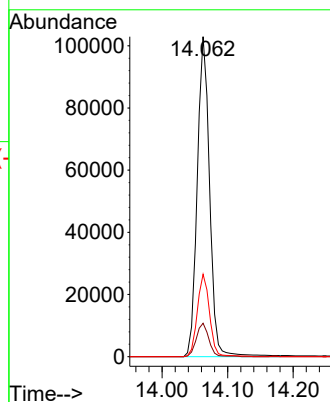
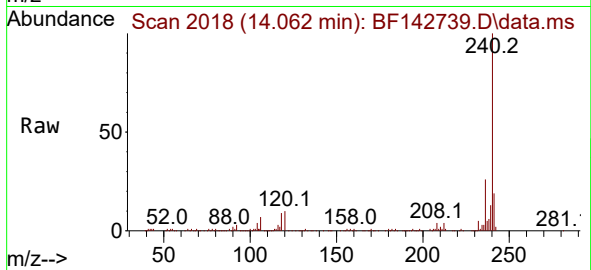
Tgt Ion:240 Resp: 135490

Ion Ratio Lower Upper

240 100

120 10.4 8.5 12.7

236 25.7 20.1 30.1



#79

Terphenyl-d14

Concen: 53.161 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF142739.D

Acq: 11 Jun 2025 17:19

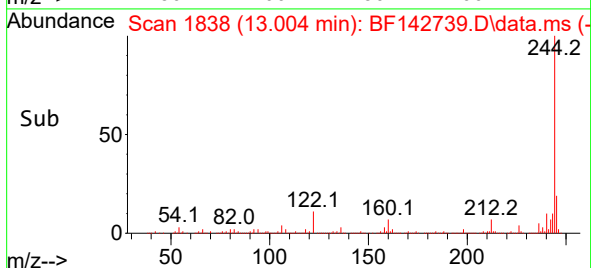
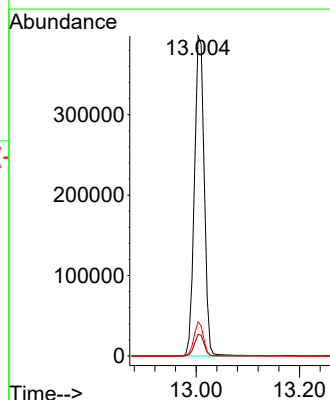
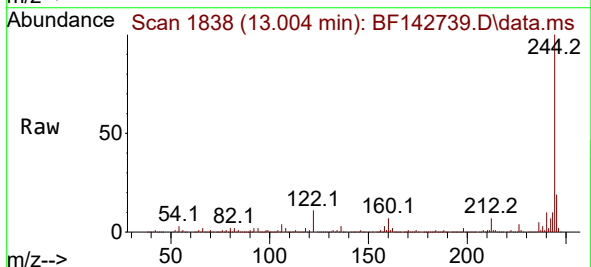
Tgt Ion:244 Resp: 524435

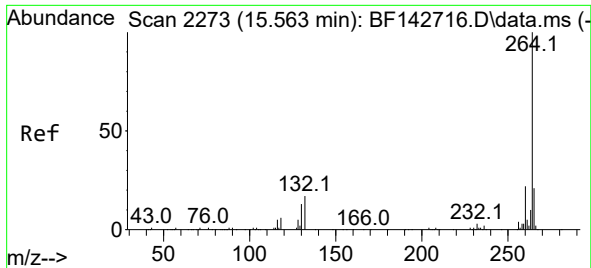
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 10.7 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: BF142739.D
Acq: 11 Jun 2025 17:19

Instrument :
BNA_F
ClientSampleId :
MW-3-20250605

Tgt Ion:264 Resp: 164328

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.8	26.6
265	20.9	16.6	25.0

