

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142737.D
 Acq On : 11 Jun 2025 16:19
 Operator : RC/JU
 Sample : Q2268-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jun 11 17:27:03 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)

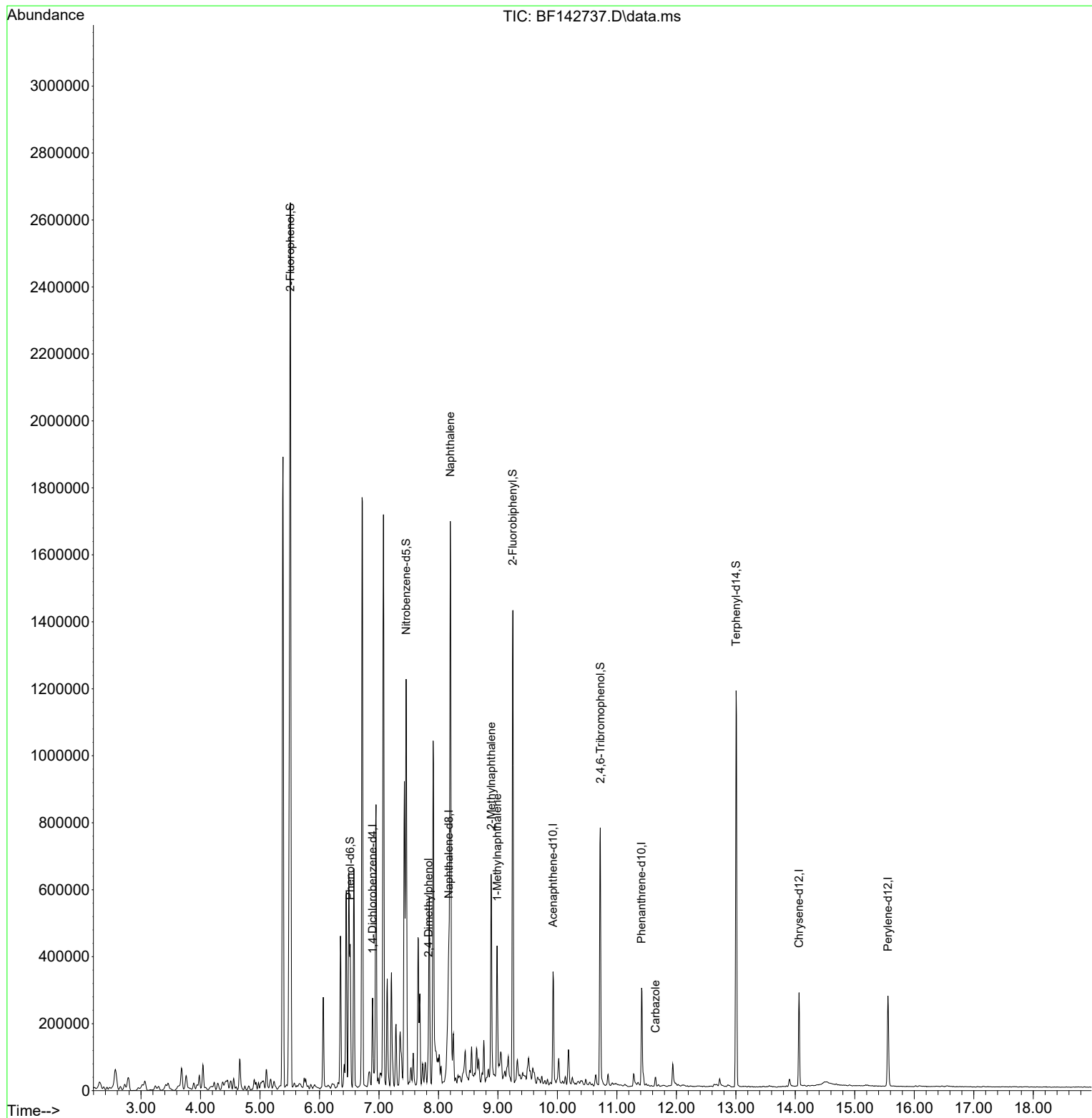
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	56892	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	199628	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	99393	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	152945	20.000	ng	0.00
76) Chrysene-d12	14.063	240	136283	20.000	ng	0.00
86) Perylene-d12	15.557	264	159449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	207603	62.149	ng	0.00
7) Phenol-d6	6.516	99	180460	45.905	ng	0.00
23) Nitrobenzene-d5	7.457	82	299231	82.034	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	133928	122.945	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	630926	84.334	ng	0.00
79) Terphenyl-d14	13.004	244	582138	58.667	ng	0.00
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	7.834	122	11273	3.665	ng	95
31) Naphthalene	8.198	128	1023762	103.695	ng	99
37) 2-Methylnaphthalene	8.887	142	232898	37.270	ng	100
38) 1-Methylnaphthalene	8.987	142	132188	20.420	ng	99
73) Carbazole	11.651	167	16361	2.306	ng	100

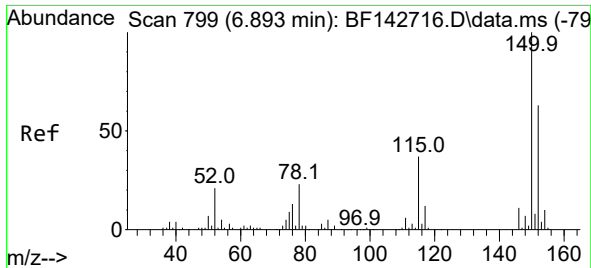
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
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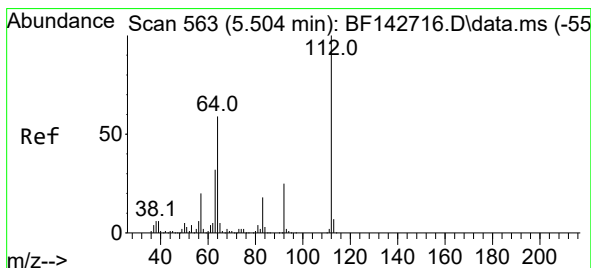
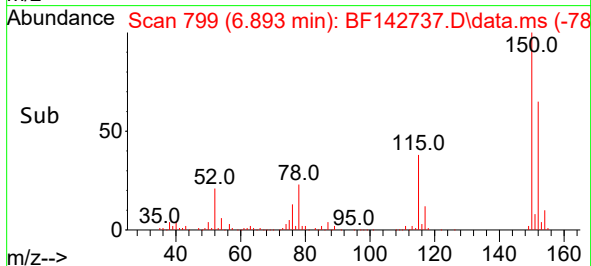
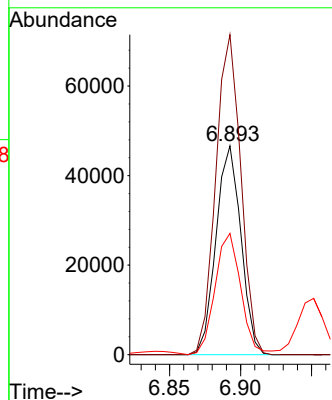
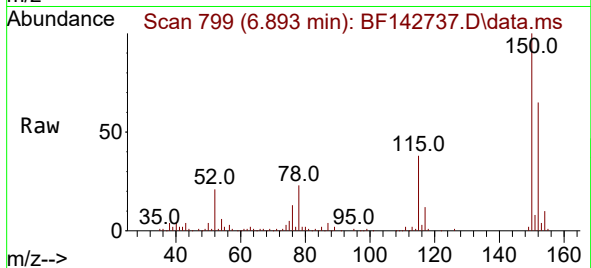




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF142737.D
Acq: 11 Jun 2025 16:19

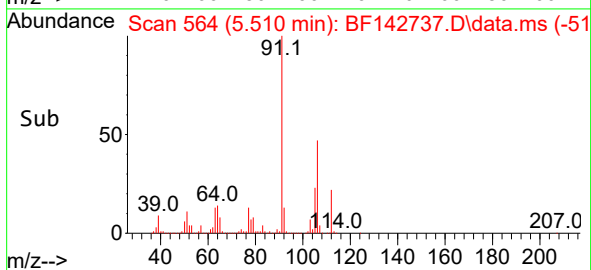
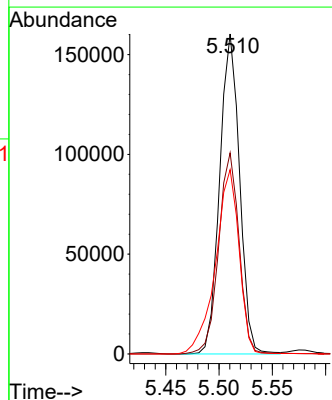
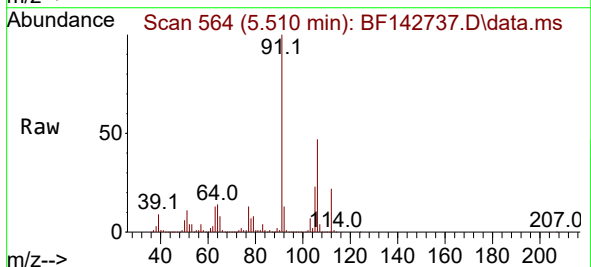
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605-A

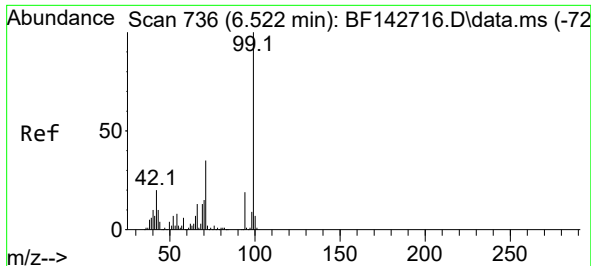
Tgt Ion:152 Resp: 56892
Ion Ratio Lower Upper
152 100
150 153.3 126.9 190.3
115 58.1 47.0 70.6



#5
2-Fluorophenol
Concen: 62.149 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF142737.D
Acq: 11 Jun 2025 16:19

Tgt Ion:112 Resp: 207603
Ion Ratio Lower Upper
112 100
64 62.9 47.4 71.2
63 57.6 25.4 38.0#





#7

Phenol-d6

Concen: 45.905 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142737.D

Acq: 11 Jun 2025 16:19

Instrument :

BNA_F

ClientSampleId :

MW-2-20250605-A

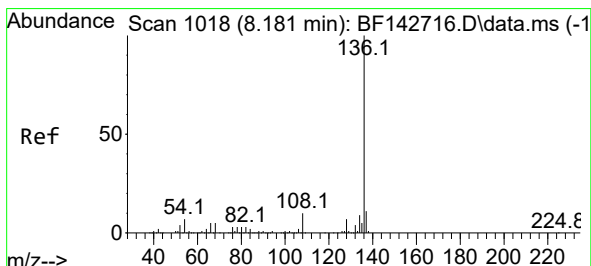
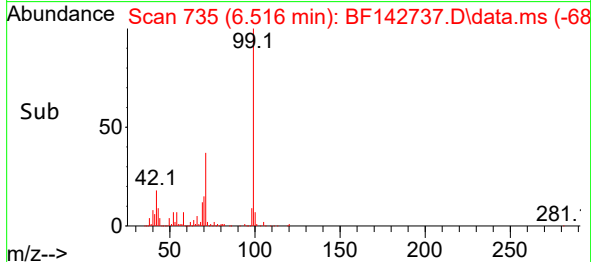
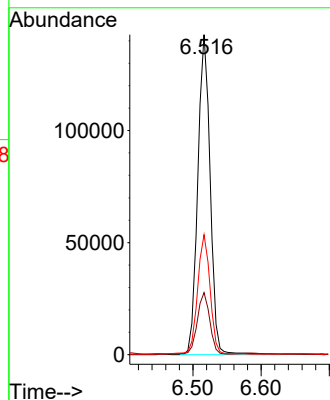
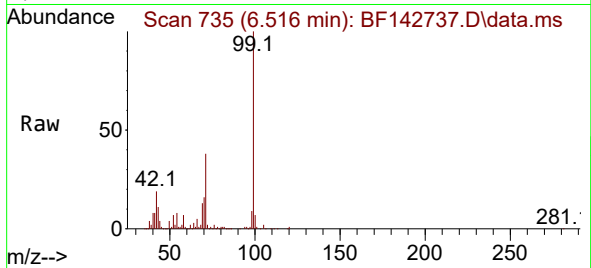
Tgt Ion: 99 Resp: 180460

Ion Ratio Lower Upper

99 100

42 19.4 15.9 23.9

71 37.5 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: BF142737.D

Acq: 11 Jun 2025 16:19

Tgt Ion: 136 Resp: 199628

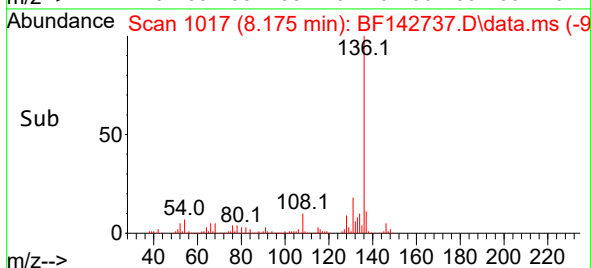
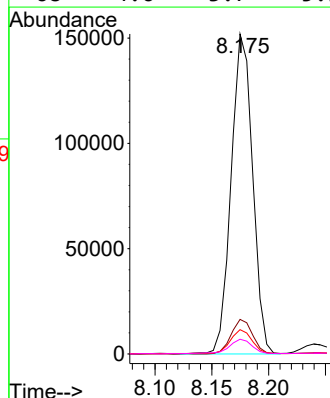
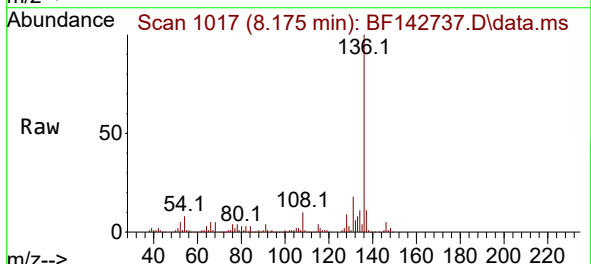
Ion Ratio Lower Upper

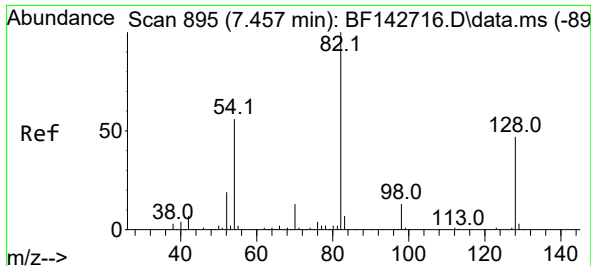
136 100

137 10.8 8.7 13.1

54 7.6 5.9 8.9

68 4.6 3.7 5.5

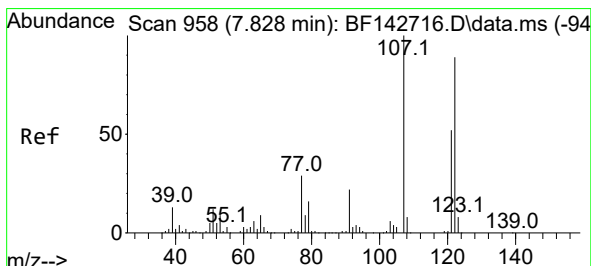
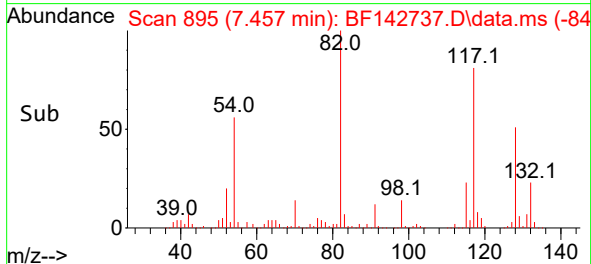
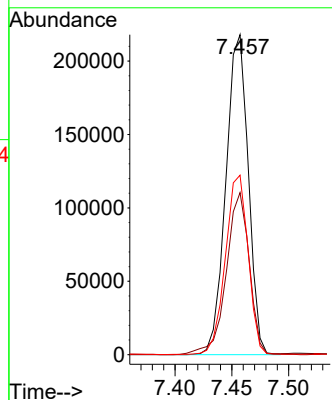
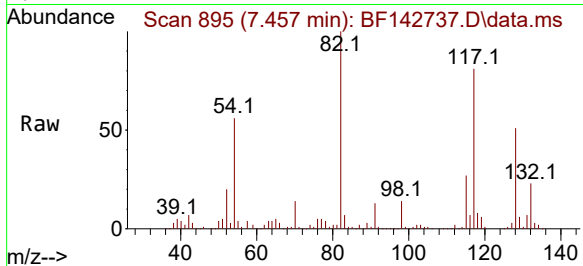




#23
Nitrobenzene-d5
Concen: 82.034 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF142737.D
Acq: 11 Jun 2025 16:19

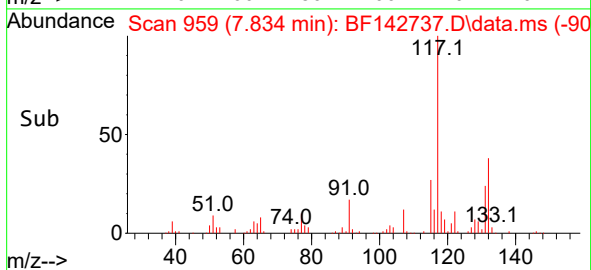
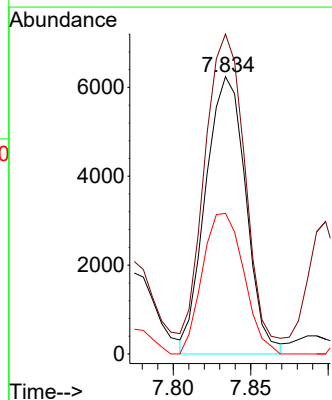
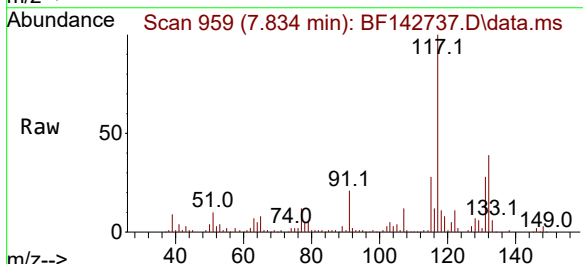
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605-A

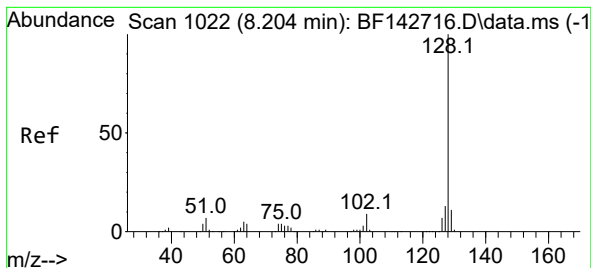
Tgt Ion: 82 Resp: 299231
Ion Ratio Lower Upper
82 100
128 50.7 37.8 56.8
54 56.1 44.9 67.3



#27
2,4-Dimethylphenol
Concen: 3.665 ng
RT: 7.834 min Scan# 959
Delta R.T. 0.006 min
Lab File: BF142737.D
Acq: 11 Jun 2025 16:19

Tgt Ion: 122 Resp: 11273
Ion Ratio Lower Upper
122 100
107 115.4 90.4 135.6
121 50.8 46.9 70.3





#31

Naphthalene

Concen: 103.695 ng

RT: 8.198 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF142737.D

Acq: 11 Jun 2025 16:19

Instrument :

BNA_F

ClientSampleId :

MW-2-20250605-A

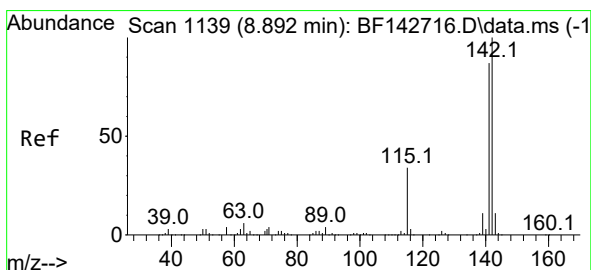
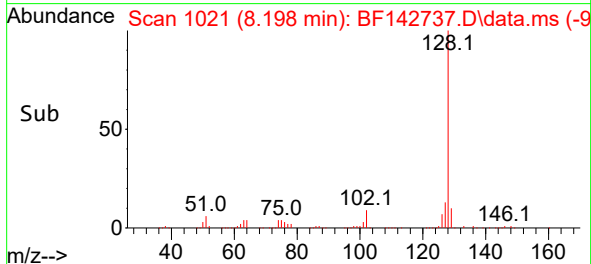
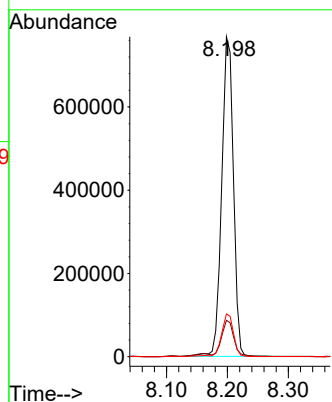
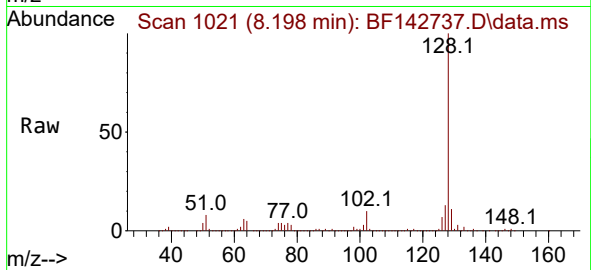
Tgt Ion:128 Resp: 1023762

Ion Ratio Lower Upper

128 100

129 11.4 8.7 13.1

127 13.3 10.4 15.6



#37

2-Methylnaphthalene

Concen: 37.270 ng

RT: 8.887 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BF142737.D

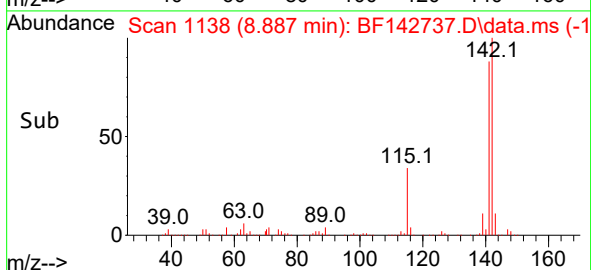
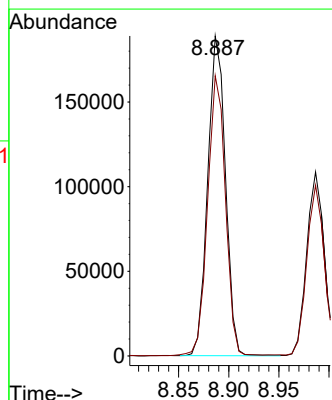
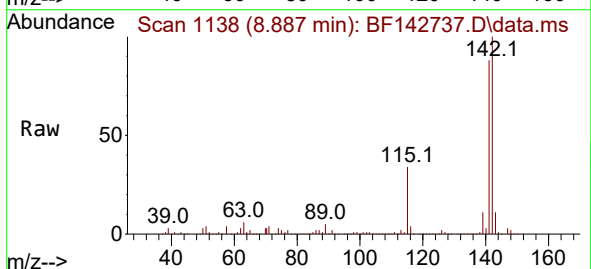
Acq: 11 Jun 2025 16:19

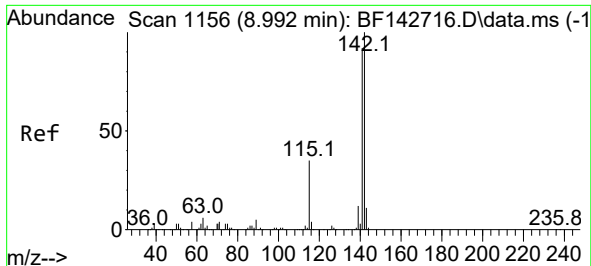
Tgt Ion:142 Resp: 232898

Ion Ratio Lower Upper

142 100

141 87.5 69.9 104.9





#38

1-Methylnaphthalene

Concen: 20.420 ng

RT: 8.987 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF142737.D

Acq: 11 Jun 2025 16:19

Instrument :

BNA_F

ClientSampleId :

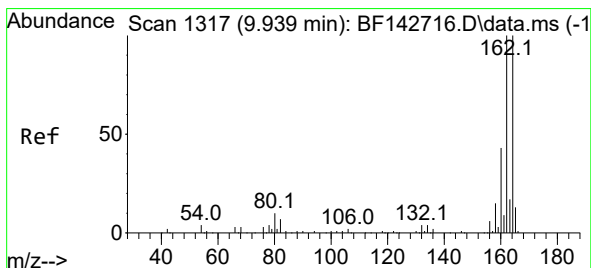
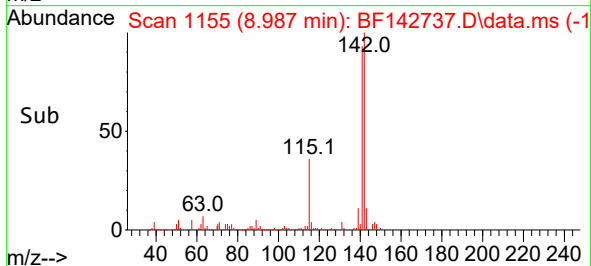
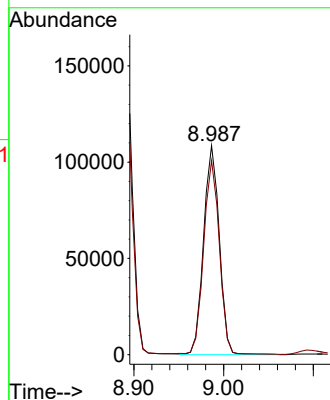
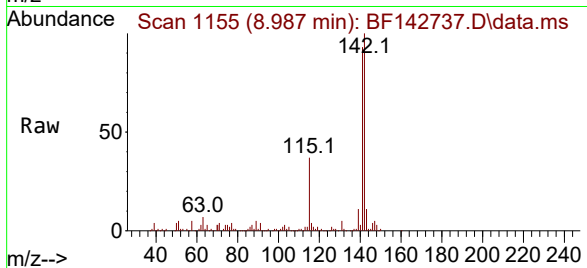
MW-2-20250605-A

Tgt Ion:142 Resp: 132188

Ion Ratio Lower Upper

142 100

141 92.8 73.5 110.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF142737.D

Acq: 11 Jun 2025 16:19

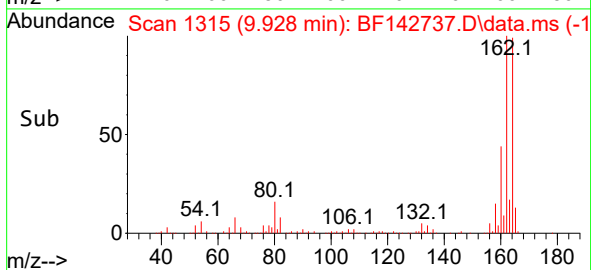
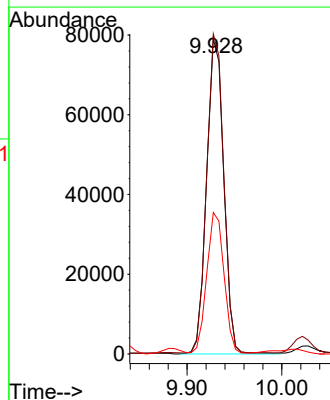
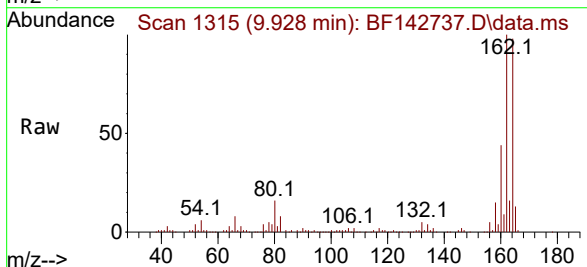
Tgt Ion:164 Resp: 99393

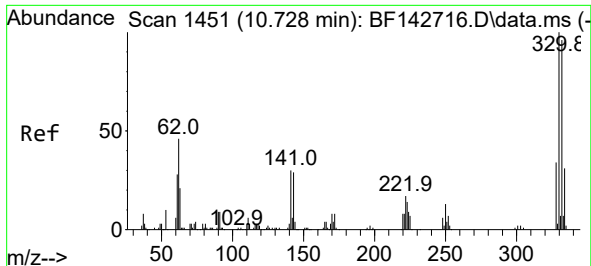
Ion Ratio Lower Upper

164 100

162 101.5 79.9 119.9

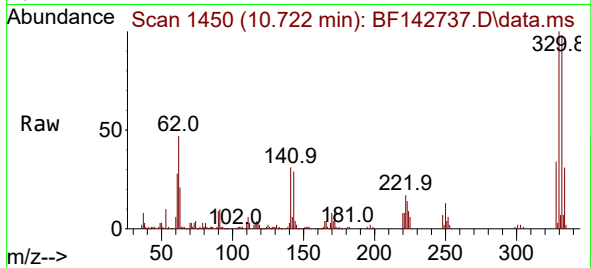
160 44.9 34.8 52.2



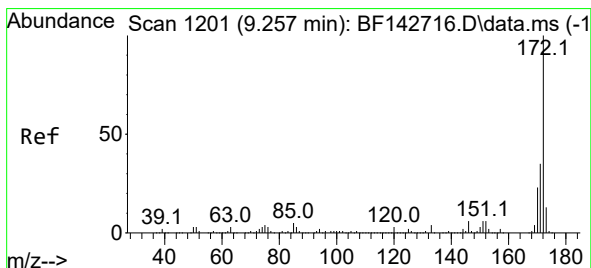
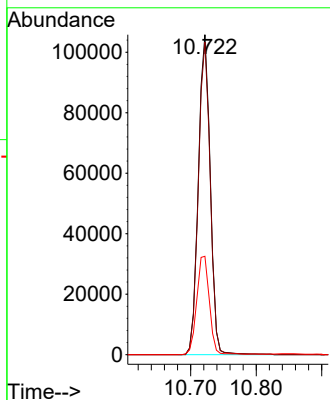
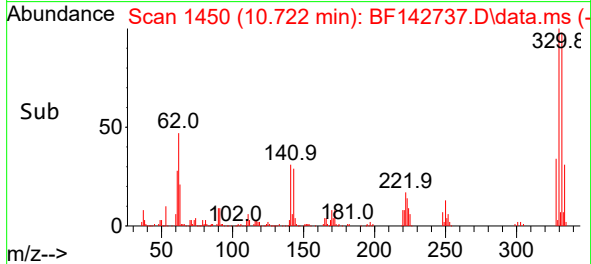


#42
2,4,6-Tribromophenol
Concen: 122.945 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF142737.D
Acq: 11 Jun 2025 16:19

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

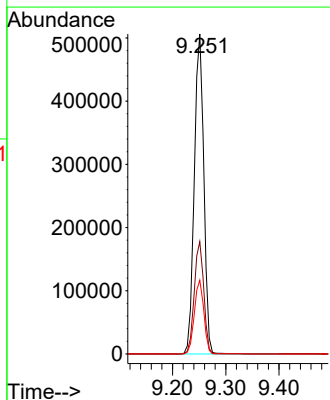
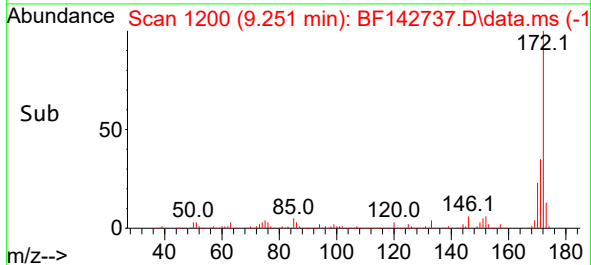
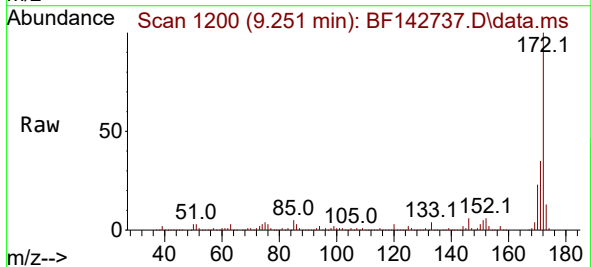


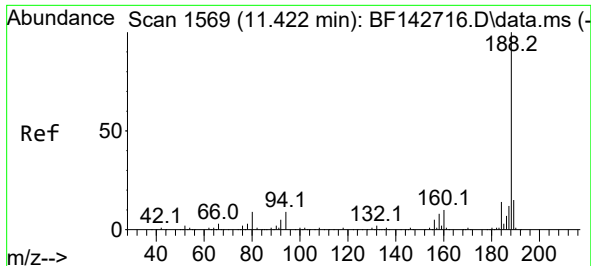
Tgt Ion:330 Resp: 133928
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 32.7 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 84.334 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF142737.D
Acq: 11 Jun 2025 16:19

Tgt Ion:172 Resp: 630926
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.0 18.6 27.8

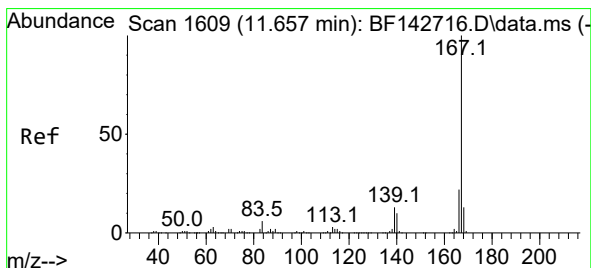
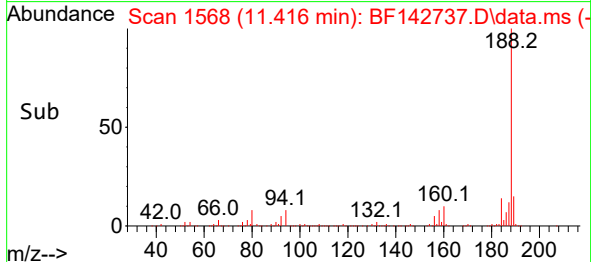
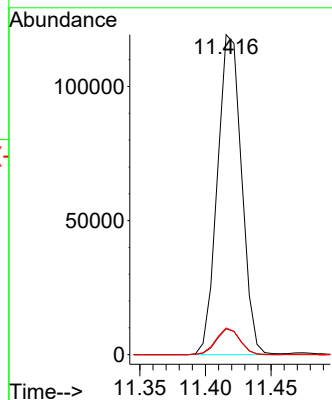
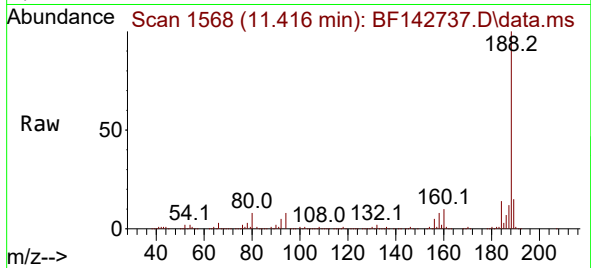




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142737.D
Acq: 11 Jun 2025 16:19

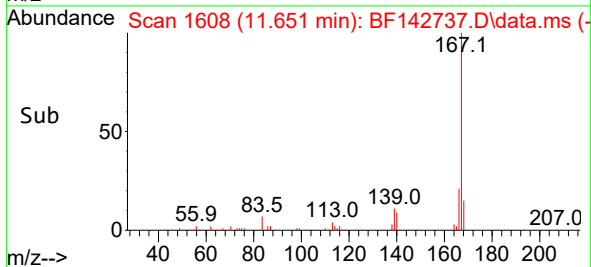
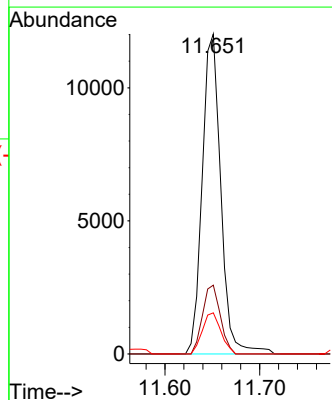
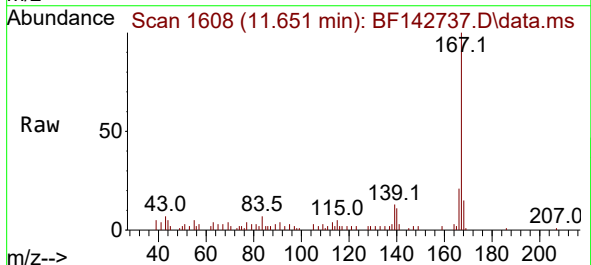
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605-A

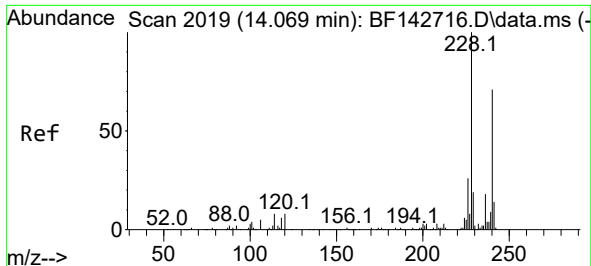
Tgt Ion:188 Resp: 152945
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.3 7.1 10.7



#73
Carbazole
Concen: 2.306 ng
RT: 11.651 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BF142737.D
Acq: 11 Jun 2025 16:19

Tgt Ion:167 Resp: 16361
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.8 10.2 15.4

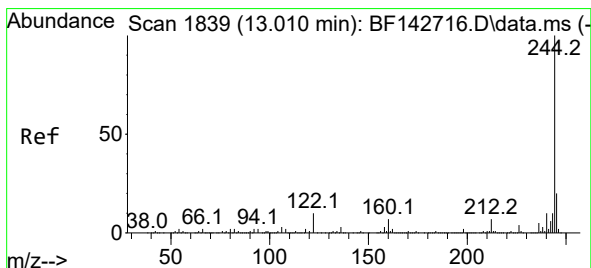
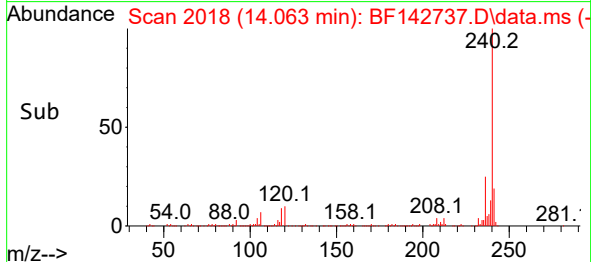
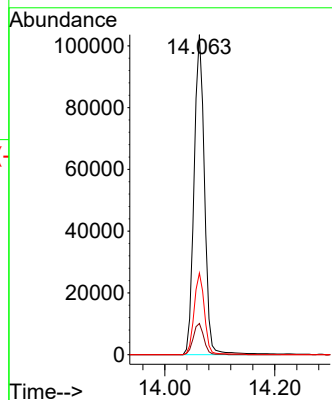
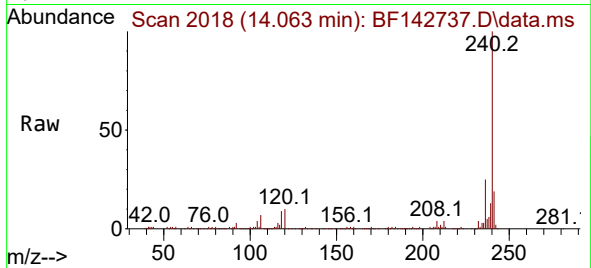




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142737.D
Acq: 11 Jun 2025 16:19

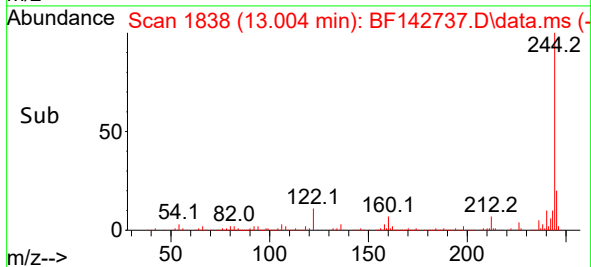
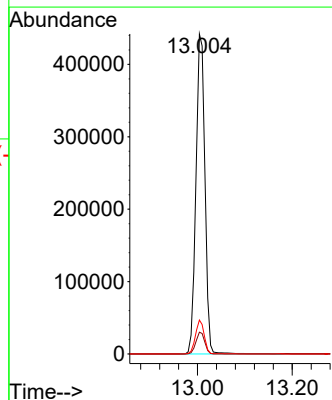
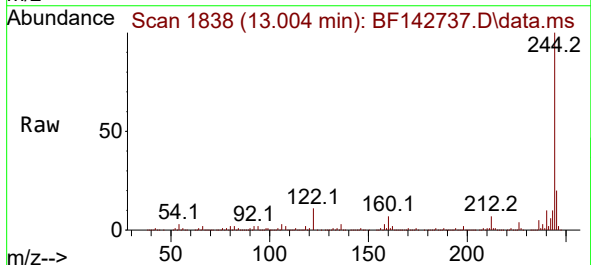
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605-A

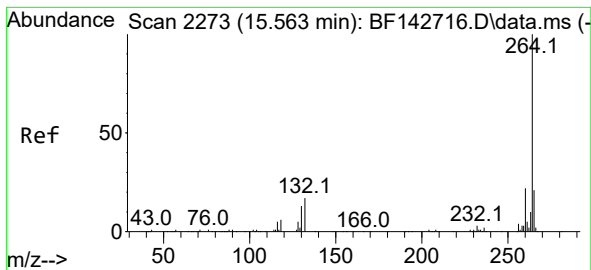
Tgt Ion:240 Resp: 136283
Ion Ratio Lower Upper
240 100
120 9.8 8.5 12.7
236 25.5 20.1 30.1



#79
Terphenyl-d14
Concen: 58.667 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF142737.D
Acq: 11 Jun 2025 16:19

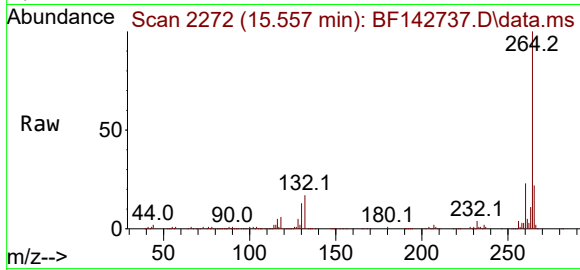
Tgt Ion:244 Resp: 582138
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 10.6 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142737.D
 Acq: 11 Jun 2025 16:19

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



Tgt Ion:264 Resp: 159449
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.8 26.6
 265 22.1 16.6 25.0

