

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
 Data File : BF143524.D
 Acq On : 21 Aug 2025 12:17
 Operator : RC/JU
 Sample : Q2900-05DL 20X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11C-081825DL

Quant Time: Aug 21 12:51:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

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

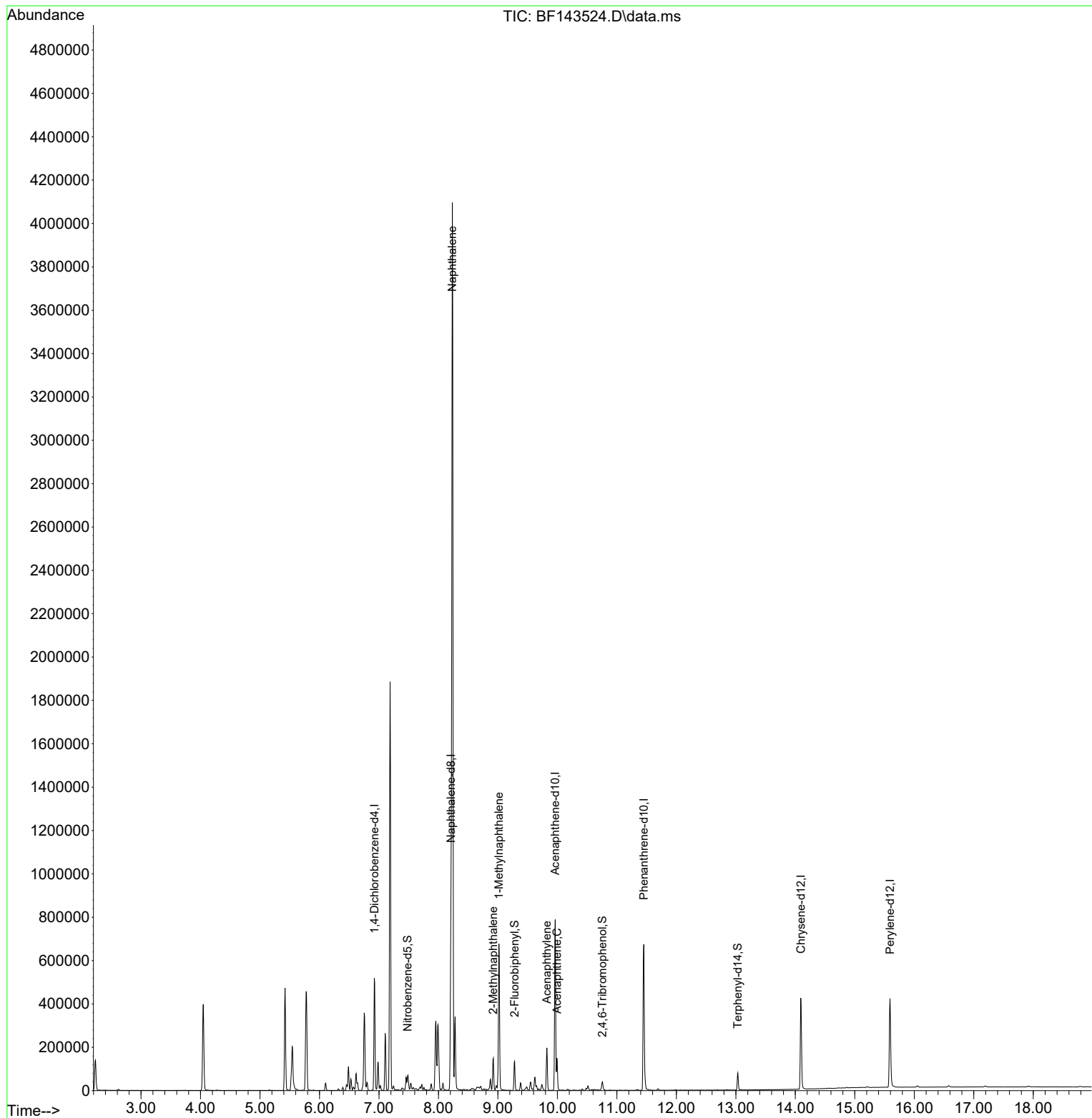
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	113395	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	431449	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	238091	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	357150	20.000	ng	0.00
76) Chrysene-d12	14.092	240	225989	20.000	ng	-0.01
86) Perylene-d12	15.592	264	263314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	12891	1.985	ng	0.00
7) Phenol-d6	6.569	99	11054	1.379	ng	0.00
23) Nitrobenzene-d5	7.481	82	27233	3.683	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	8603	3.882	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	63803	4.429	ng	0.00
79) Terphenyl-d14	13.033	244	43523	3.361	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.234	128	2768701	133.664	ng	98
37) 2-Methylnaphthalene	8.922	142	50324	3.638	ng	100
38) 1-Methylnaphthalene	9.016	142	250217	18.908	ng	99
49) Acenaphthylene	9.822	152	108313	5.705	ng	99
52) Acenaphthene	9.992	154	44344	3.440	ng	99

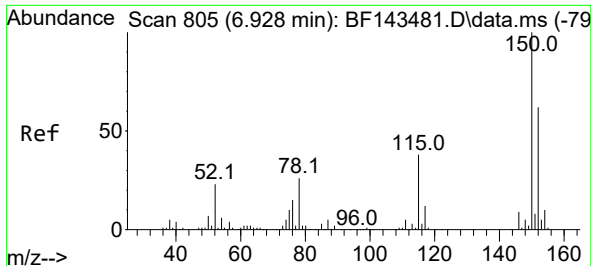
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143524.D
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Operator : RC/JU
Sample : Q2900-05DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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MW-11C-081825DL

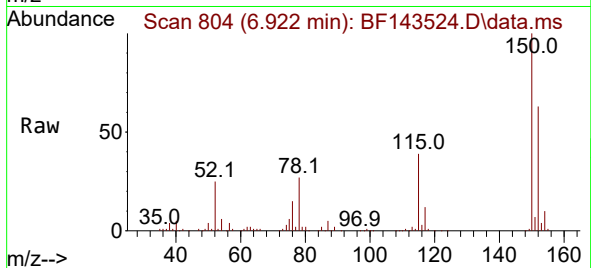
Quant Time: Aug 21 12:51:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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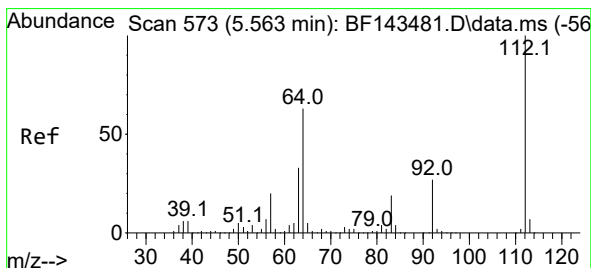
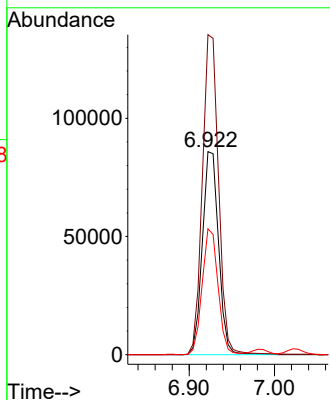
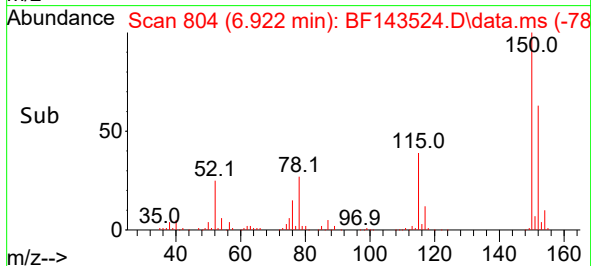


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

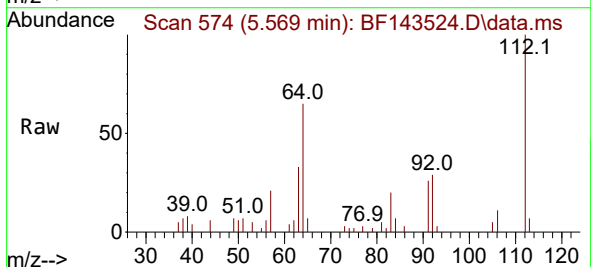
Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL



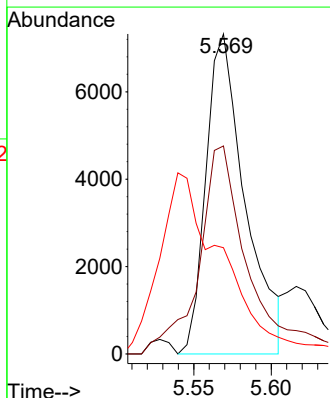
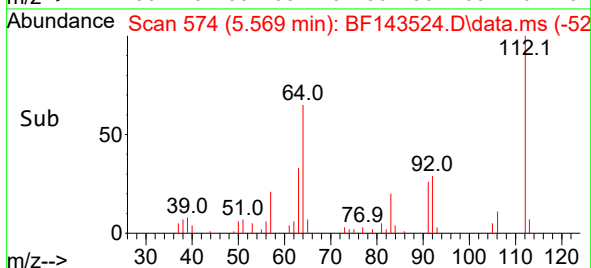
Tgt Ion:152 Resp: 113395
Ion Ratio Lower Upper
152 100
150 157.6 128.9 193.3
115 62.0 49.2 73.8

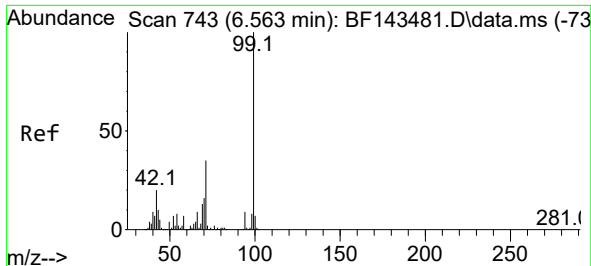


#5
2-Fluorophenol
Concen: 1.985 ng
RT: 5.569 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17



Tgt Ion:112 Resp: 12891
Ion Ratio Lower Upper
112 100
64 65.0 50.4 75.6
63 33.2 26.4 39.6

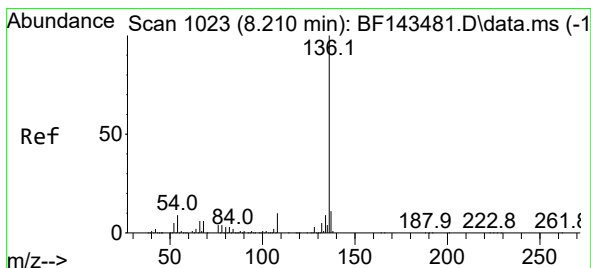
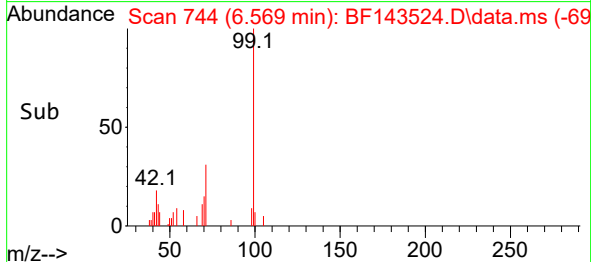
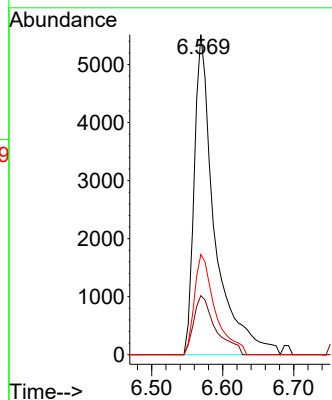
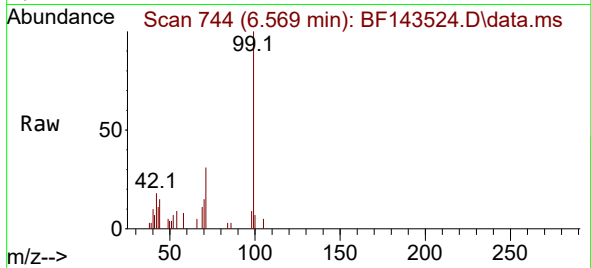




#7
Phenol-d6
Concen: 1.379 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

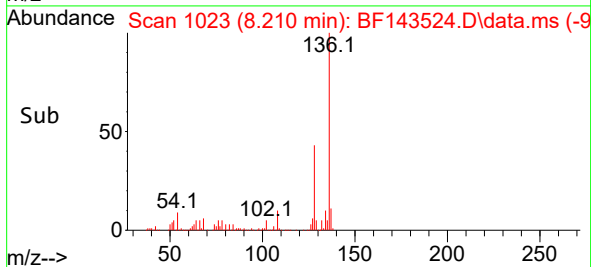
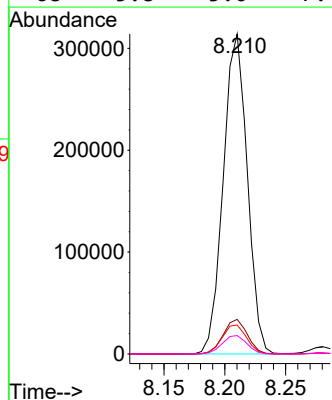
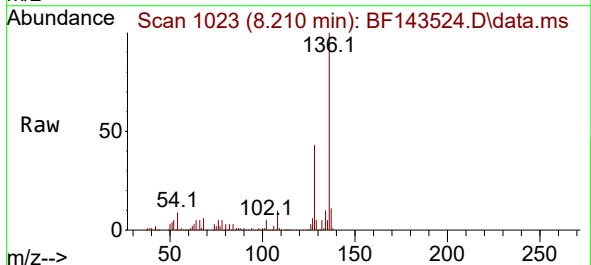
Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL

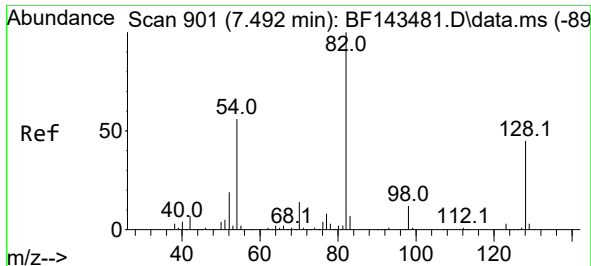
Tgt Ion: 99 Resp: 11054
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 31.3 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

Tgt Ion: 136 Resp: 431449
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 9.1 7.4 11.2
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 3.683 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.018 min

Lab File: BF143524.D

Acq: 21 Aug 2025 12:17

Instrument :

BNA_F

ClientSampleId :

MW-11C-081825DL

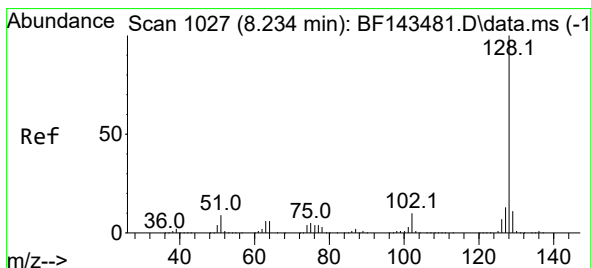
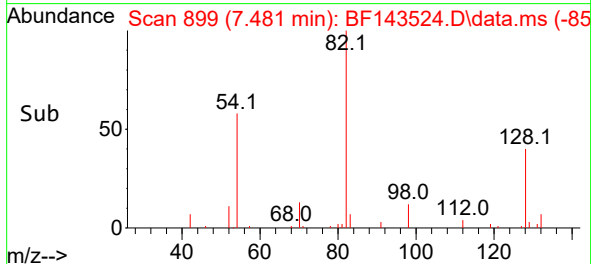
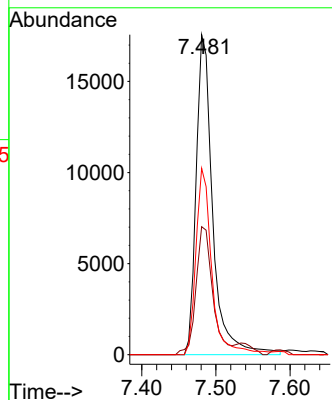
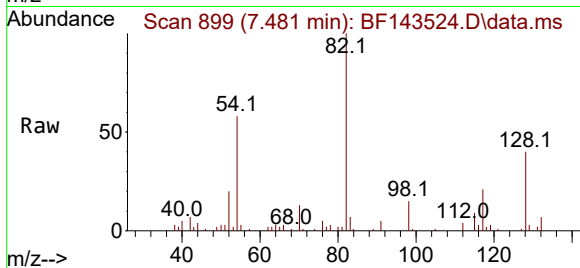
Tgt Ion: 82 Resp: 27233

Ion Ratio Lower Upper

82 100

128 40.0 35.5 53.3

54 58.2 44.3 66.5



#31

Naphthalene

Concen: 133.664 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF143524.D

Acq: 21 Aug 2025 12:17

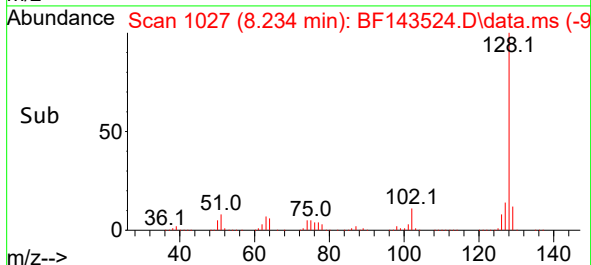
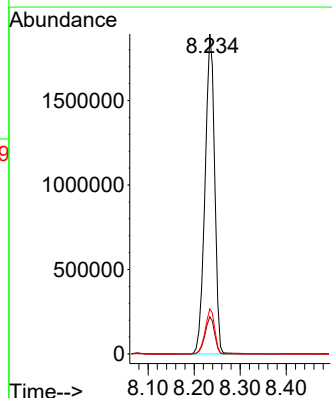
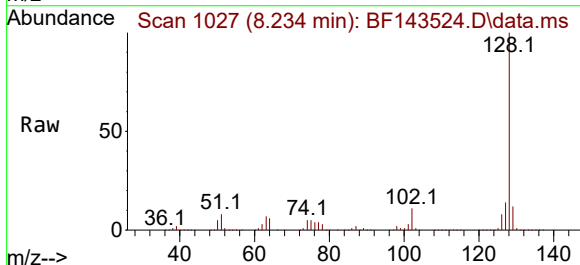
Tgt Ion:128 Resp: 2768701

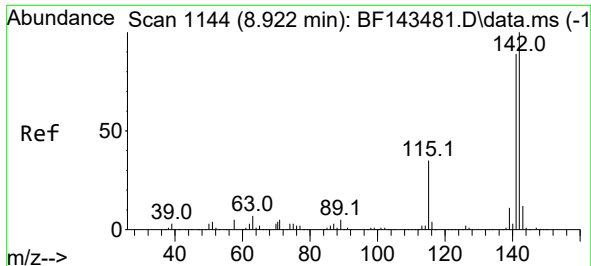
Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

127 14.1 10.6 16.0

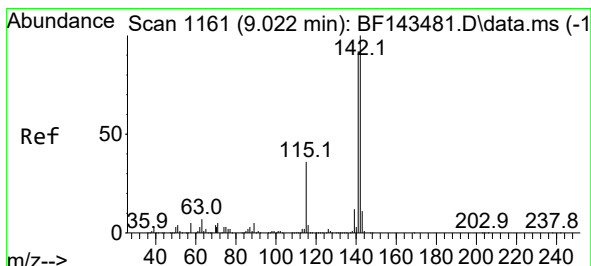
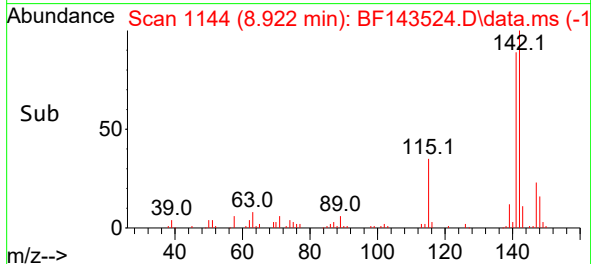
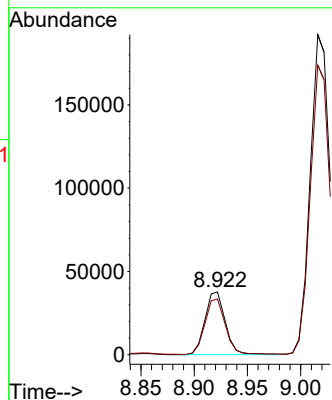
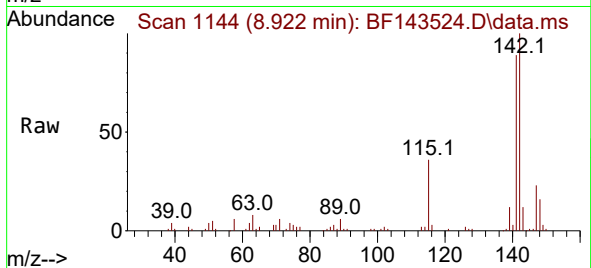




#37
2-Methylnaphthalene
Concen: 3.638 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

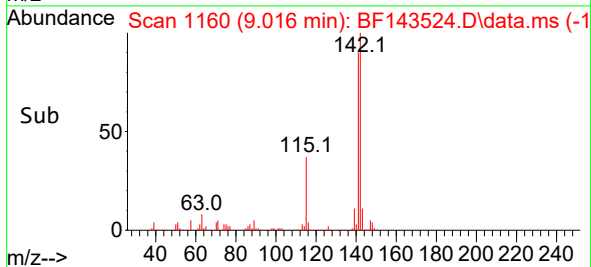
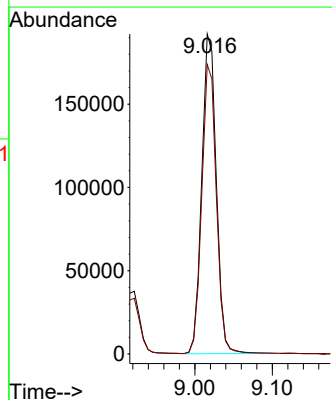
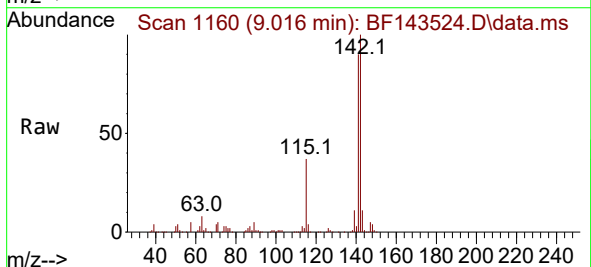
Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL

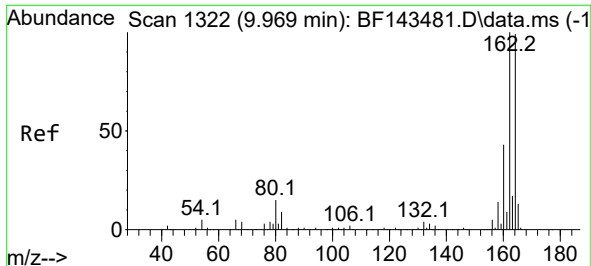
Tgt Ion:142 Resp: 50324
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4



#38
1-Methylnaphthalene
Concen: 18.908 ng
RT: 9.016 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

Tgt Ion:142 Resp: 250217
Ion Ratio Lower Upper
142 100
141 90.5 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143524.D

Acq: 21 Aug 2025 12:17

Instrument :

BNA_F

ClientSampleId :

MW-11C-081825DL

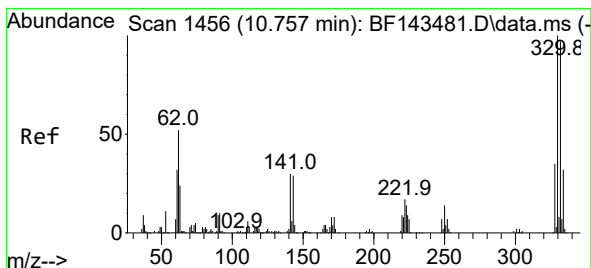
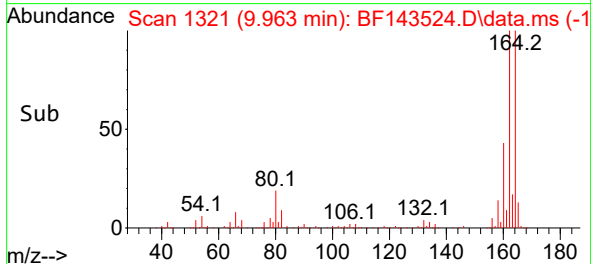
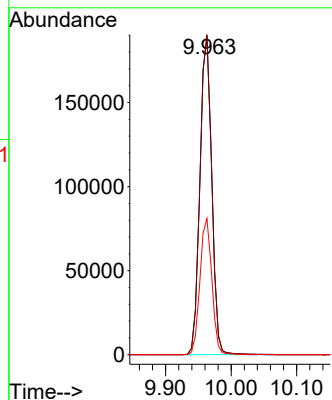
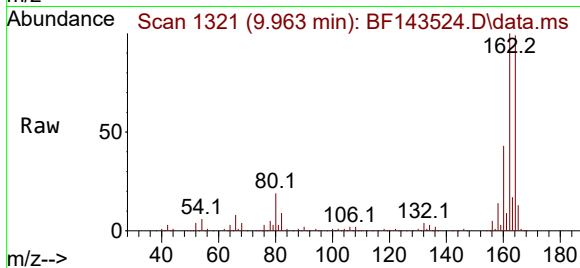
Tgt Ion:164 Resp: 238091

Ion Ratio Lower Upper

164 100

162 100.6 80.5 120.7

160 42.8 34.3 51.5



#42

2,4,6-Tribromophenol

Concen: 3.882 ng

RT: 10.757 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF143524.D

Acq: 21 Aug 2025 12:17

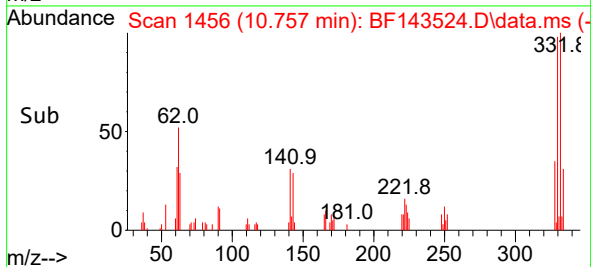
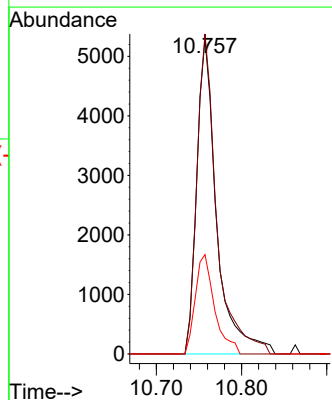
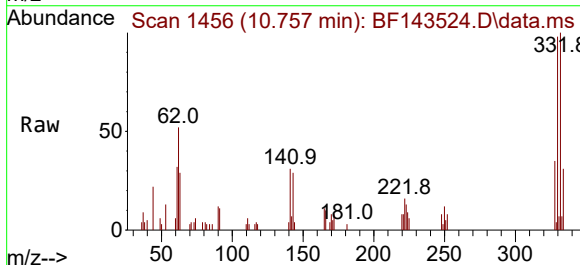
Tgt Ion:330 Resp: 8603

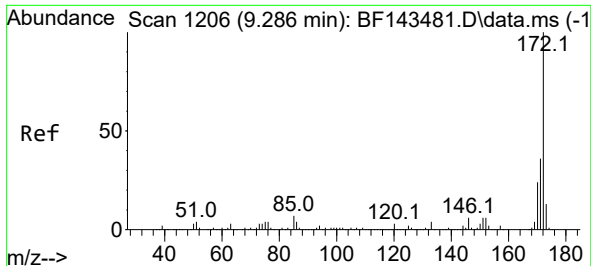
Ion Ratio Lower Upper

330 100

332 100.6 78.0 117.0

141 30.5 23.7 35.5





#45

2-Fluorobiphenyl

Concen: 4.429 ng

RT: 9.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143524.D

Acq: 21 Aug 2025 12:17

Instrument :

BNA_F

ClientSampleId :

MW-11C-081825DL

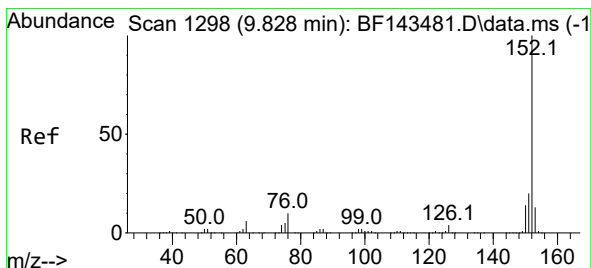
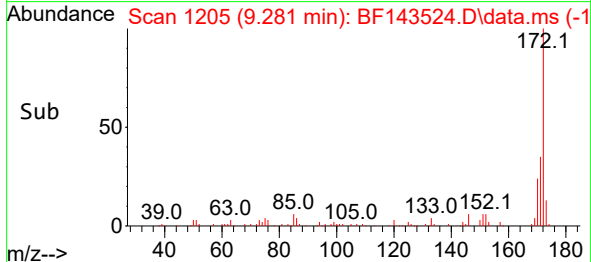
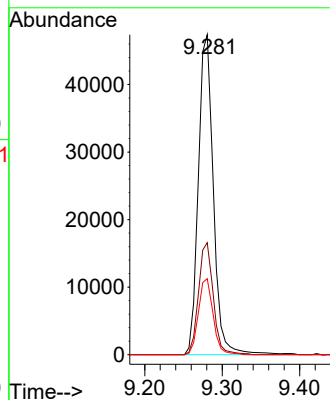
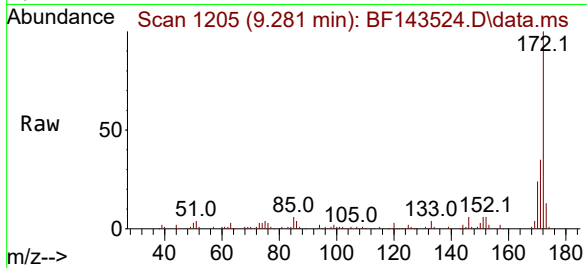
Tgt Ion:172 Resp: 63803

Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.7 18.8 28.2



#49

Acenaphthylene

Concen: 5.705 ng

RT: 9.822 min Scan# 1297

Delta R.T. -0.006 min

Lab File: BF143524.D

Acq: 21 Aug 2025 12:17

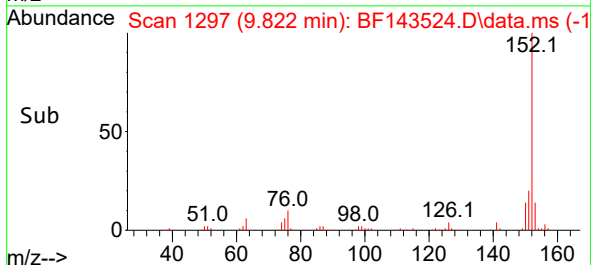
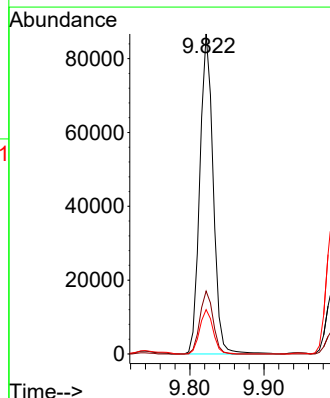
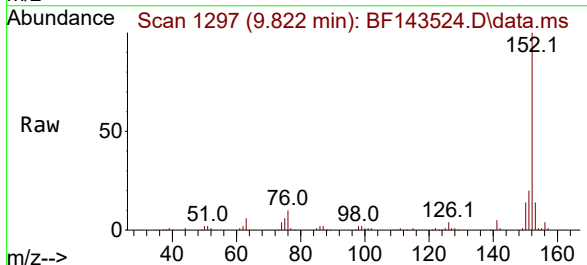
Tgt Ion:152 Resp: 108313

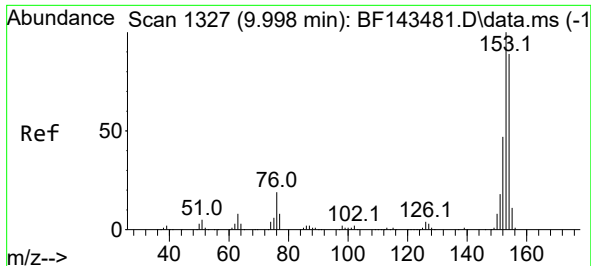
Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.4

153 13.9 10.6 15.8

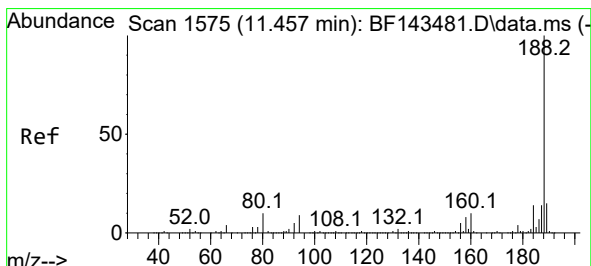
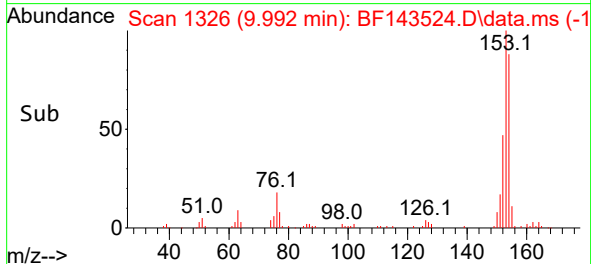
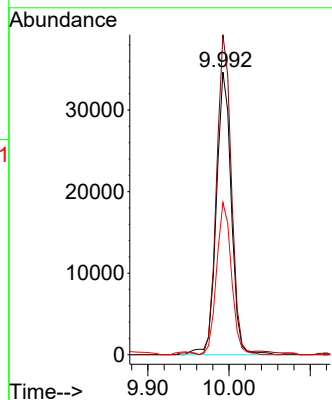
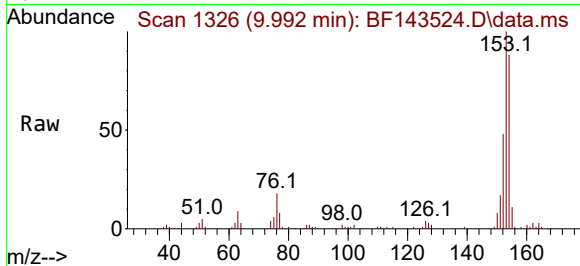




#52
Acenaphthene
Concen: 3.440 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

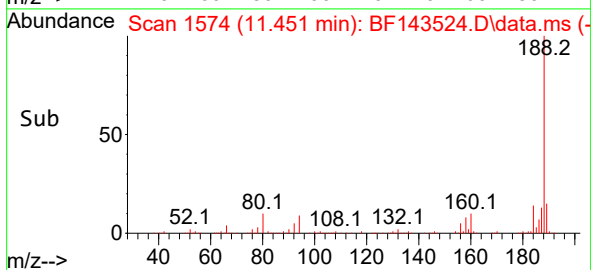
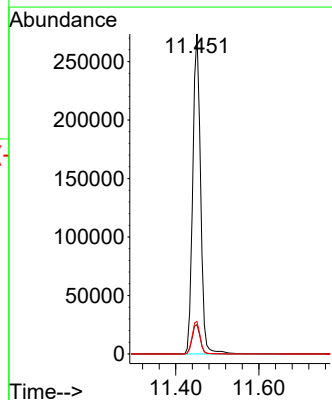
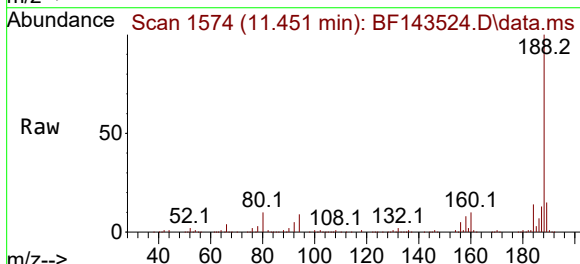
Instrument :
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ClientSampleId :
MW-11C-081825DL

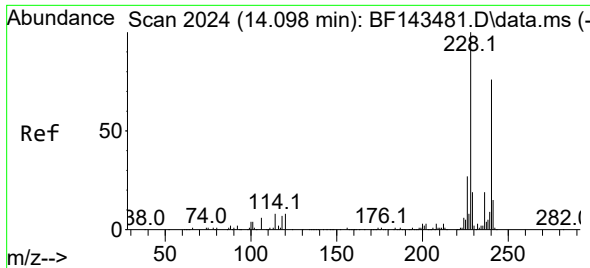
Tgt Ion:154 Resp: 44344
Ion Ratio Lower Upper
154 100
153 113.3 89.5 134.3
152 53.9 42.5 63.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

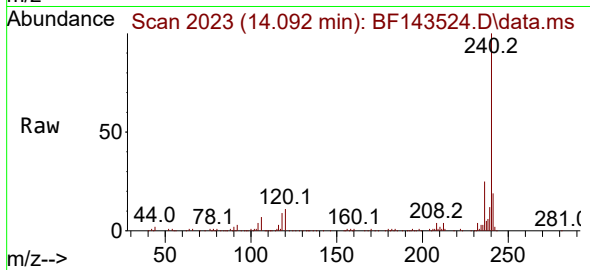
Tgt Ion:188 Resp: 357150
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.1 8.2 12.4



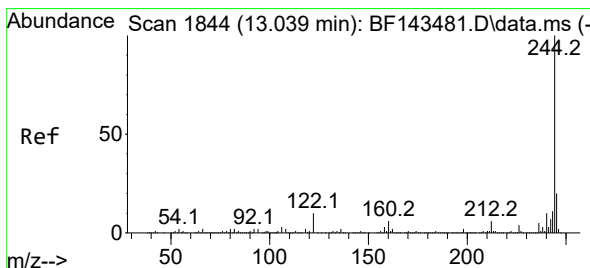
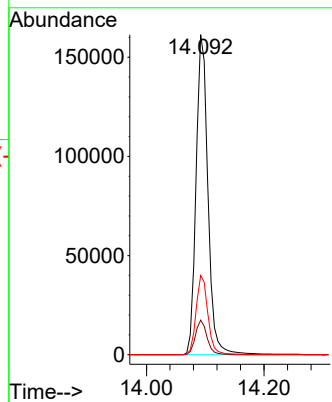
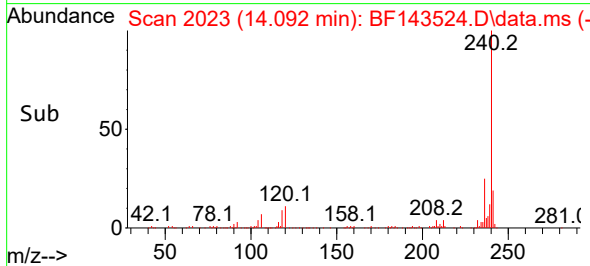


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17

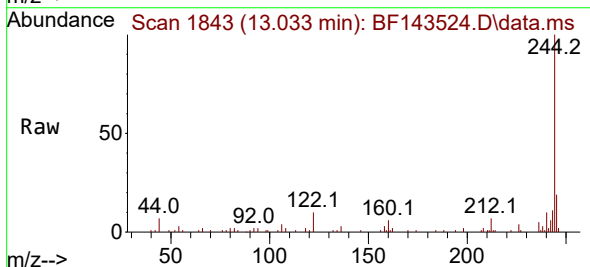
Instrument :
BNA_F
ClientSampleId :
MW-11C-081825DL



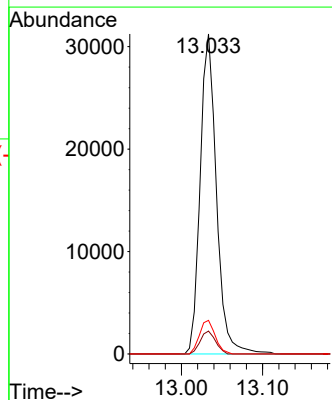
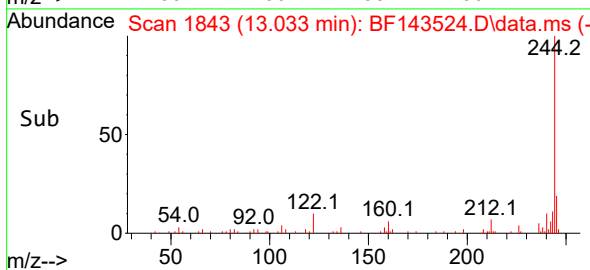
Tgt Ion:240 Resp: 225989
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 24.8 20.4 30.6

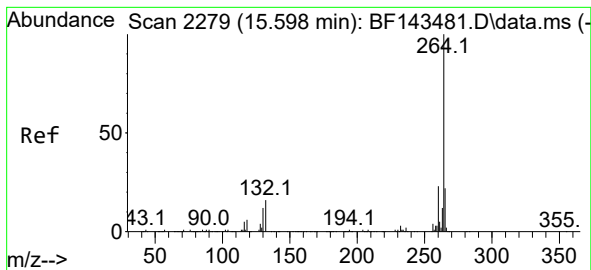


#79
Terphenyl-d14
Concen: 3.361 ng
RT: 13.033 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF143524.D
Acq: 21 Aug 2025 12:17



Tgt Ion:244 Resp: 43523
Ion Ratio Lower Upper
244 100
212 7.2 5.2 7.8
122 10.5 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143524.D

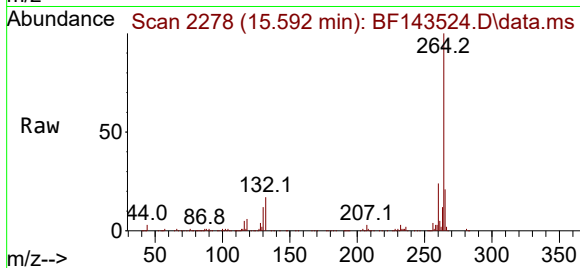
Acq: 21 Aug 2025 12:17

Instrument :

BNA_F

ClientSampleId :

MW-11C-081825DL



Tgt Ion:264 Resp: 263314

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.2 17.6 26.4

