

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142152.D
 Acq On : 28 Mar 2025 11:03
 Operator : RC/JU
 Sample : PB167359BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167359BL

Quant Time: Mar 28 11:45:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

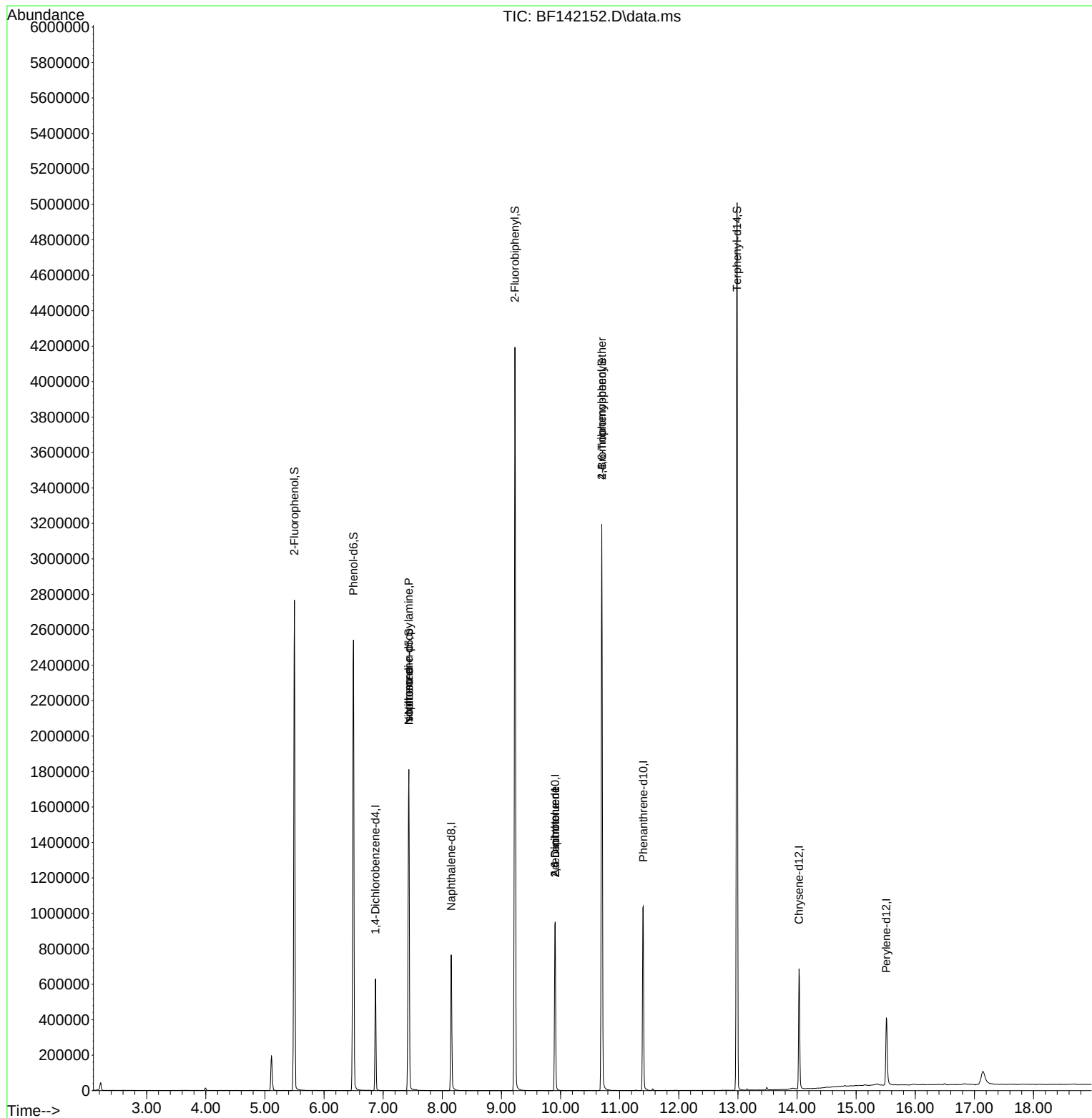
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	133582	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	528606	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	309995	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	592517	20.000	ng	0.00
76) Chrysene-d12	14.033	240	358043	20.000	ng	0.00
86) Perylene-d12	15.510	264	262004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1141331	142.597	ng	0.00
7) Phenol-d6	6.498	99	1370833	134.518	ng	0.00
23) Nitrobenzene-d5	7.434	82	905449	96.395	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	651576	165.682	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1958386	96.077	ng	-0.01
79) Terphenyl-d14	12.986	244	2652109	109.513	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	126673	19.345	ng	# 76
25) Isophorone	7.434	82	894217	53.856	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	39242	8.682	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	39242	6.647	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	39662	5.330	ng	# 1

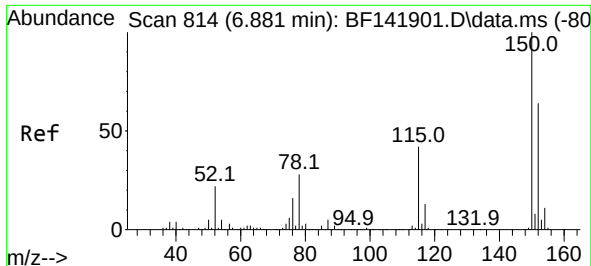
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142152.D
Acq On : 28 Mar 2025 11:03
Operator : RC/JU
Sample : PB167359BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167359BL

Quant Time: Mar 28 11:45:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

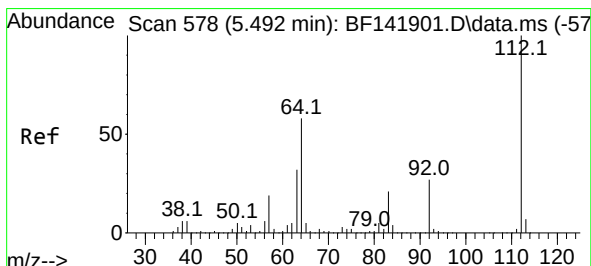
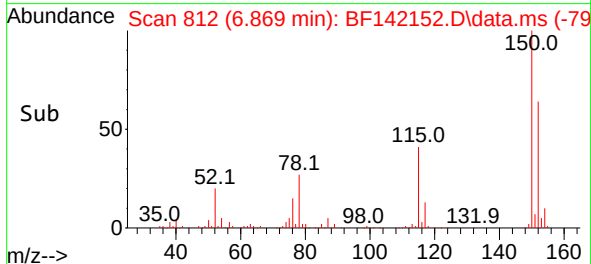
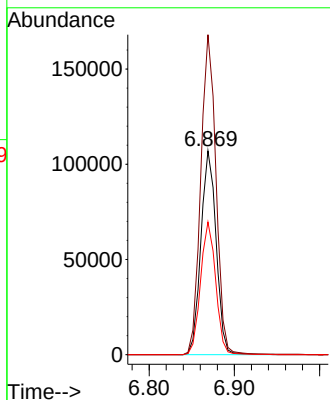
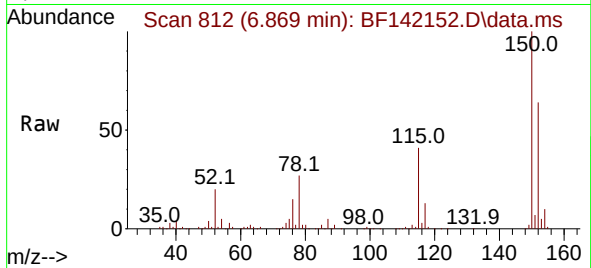




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142152.D
Acq: 28 Mar 2025 11:03

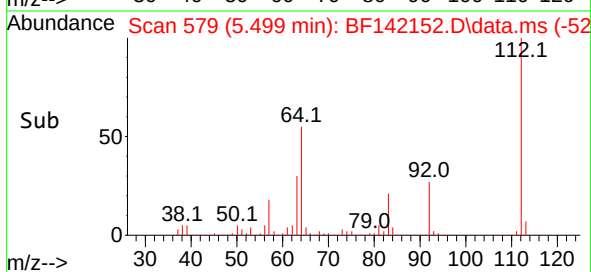
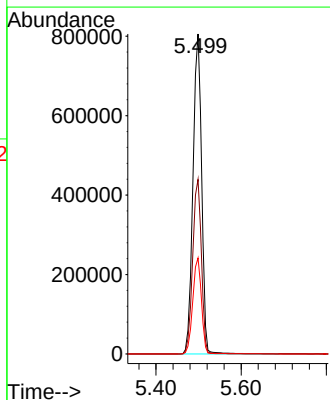
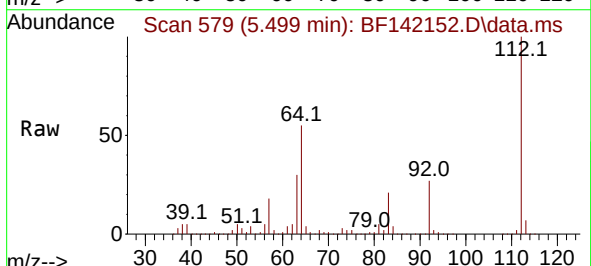
Instrument :
BNA_F
ClientSampleId :
PB167359BL

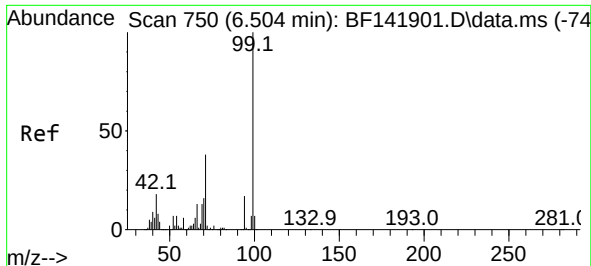
Tgt Ion:152 Resp: 133582
Ion Ratio Lower Upper
152 100
150 157.0 127.4 191.2
115 65.1 51.9 77.9



#5
2-Fluorophenol
Concen: 142.597 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142152.D
Acq: 28 Mar 2025 11:03

Tgt Ion:112 Resp: 1141331
Ion Ratio Lower Upper
112 100
64 54.5 46.5 69.7
63 30.0 25.4 38.2

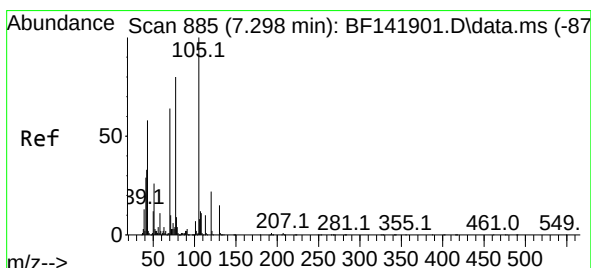
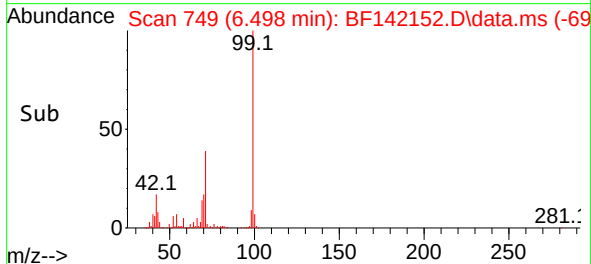
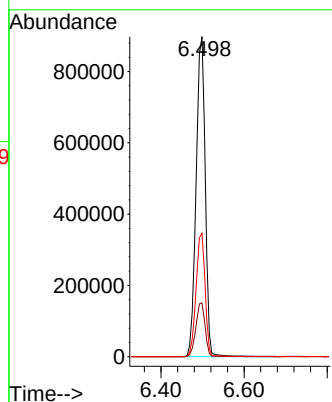
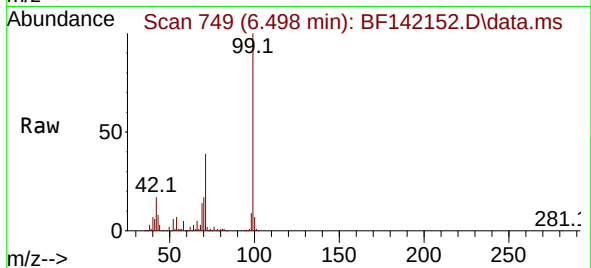




#7
Phenol-d6
Concen: 134.518 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142152.D
Acq: 28 Mar 2025 11:03

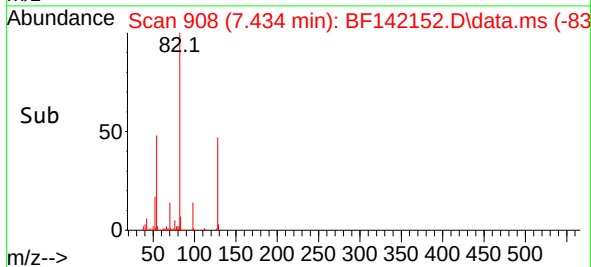
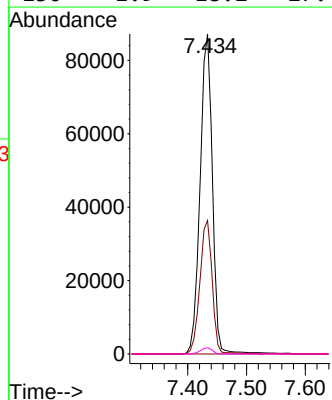
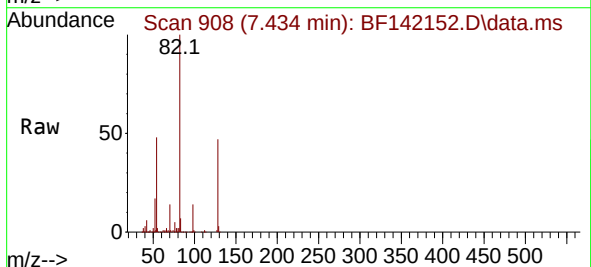
Instrument :
BNA_F
ClientSampleId :
PB167359BL

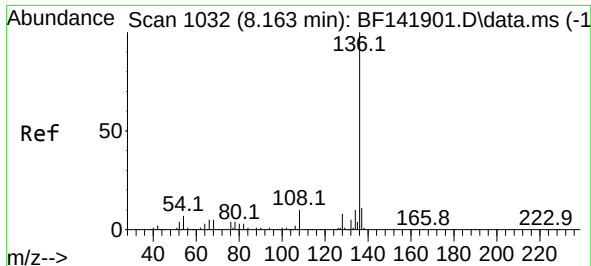
Tgt Ion: 99 Resp: 1370833
Ion Ratio Lower Upper
99 100
42 16.8 14.6 21.8
71 38.6 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.345 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF142152.D
Acq: 28 Mar 2025 11:03

Tgt Ion: 70 Resp: 126673
Ion Ratio Lower Upper
70 100
42 41.7 41.4 62.0
101 0.0 8.2 12.2#
130 1.9 18.2 27.4#

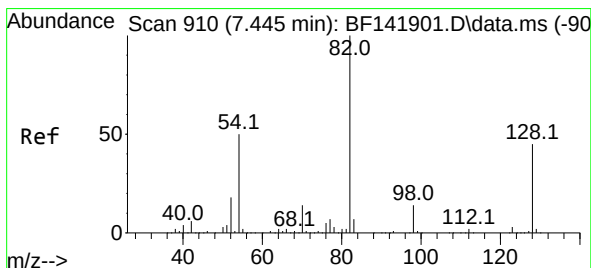
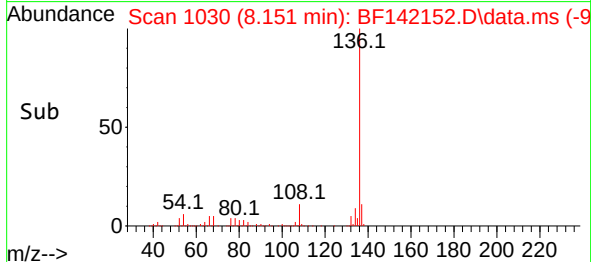
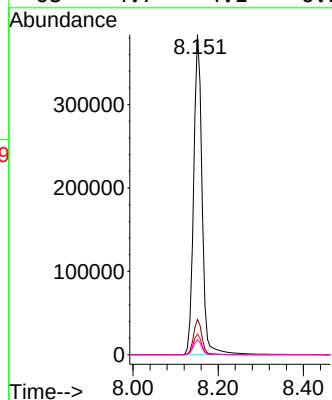
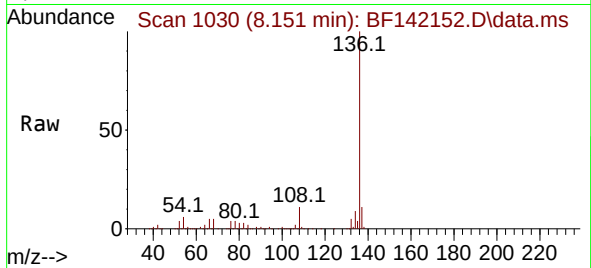




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142152.D
Acq: 28 Mar 2025 11:03

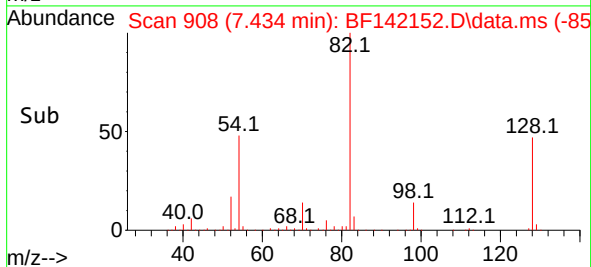
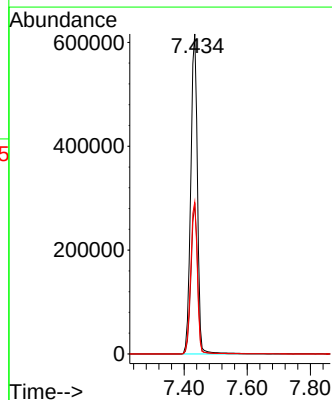
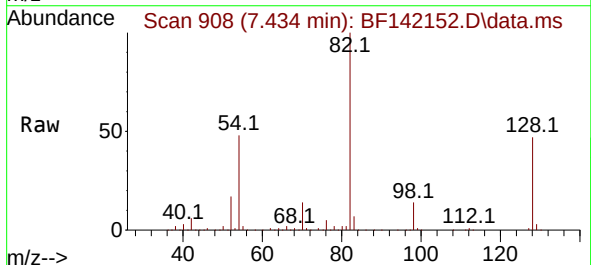
Instrument :
BNA_F
ClientSampleId :
PB167359BL

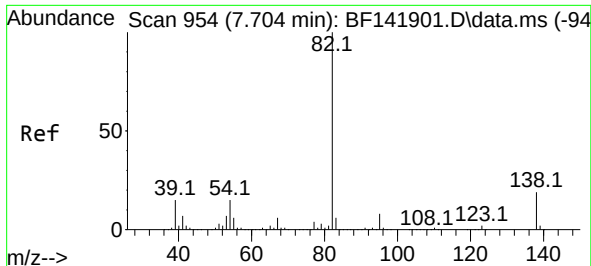
Tgt Ion:136 Resp: 528606
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.4 5.8 8.8
68 4.7 4.1 6.1



#23
Nitrobenzene-d5
Concen: 96.395 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142152.D
Acq: 28 Mar 2025 11:03

Tgt Ion: 82 Resp: 905449
Ion Ratio Lower Upper
82 100
128 47.1 36.0 54.0
54 47.5 39.6 59.4

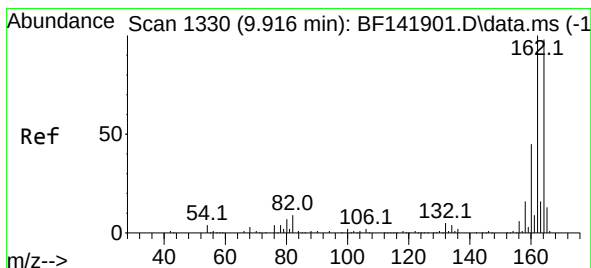
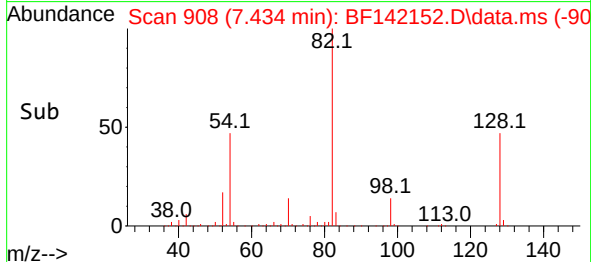
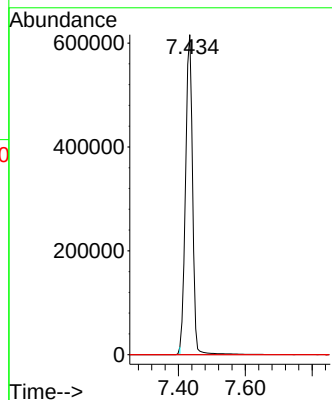
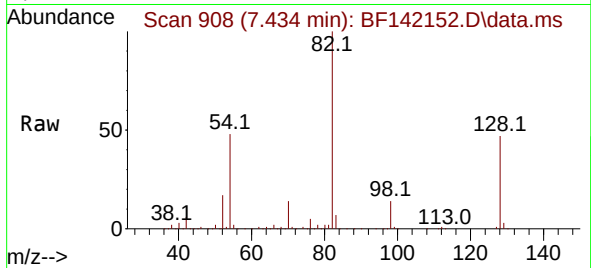




#25
Isophorone
Concen: 53.856 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF142152.D
Acq: 28 Mar 2025 11:03

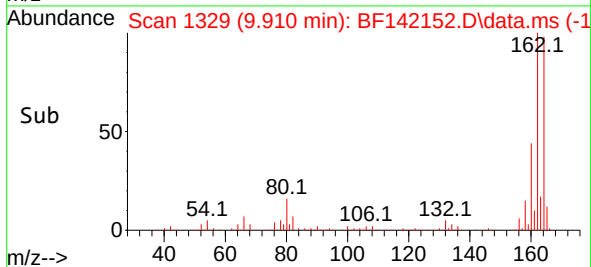
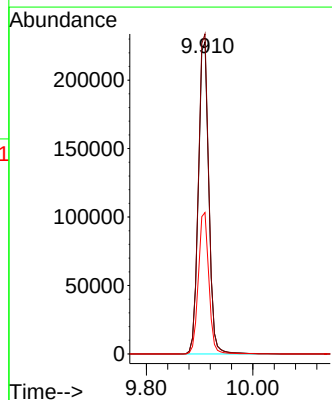
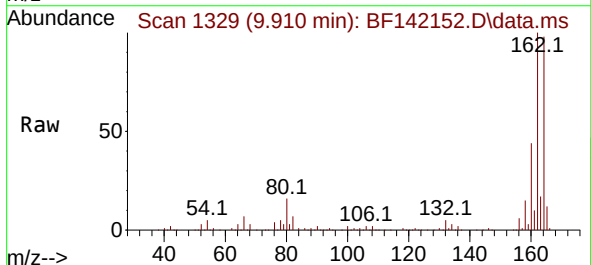
Instrument :
BNA_F
ClientSampleId :
PB167359BL

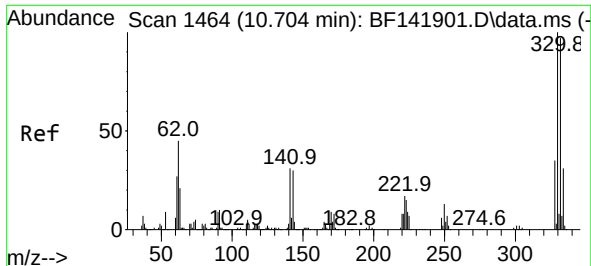
Tgt Ion: 82 Resp: 894217
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142152.D
Acq: 28 Mar 2025 11:03

Tgt Ion: 164 Resp: 309995
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 45.3 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 165.682 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142152.D

Acq: 28 Mar 2025 11:03

Instrument :

BNA_F

ClientSampleId :

PB167359BL

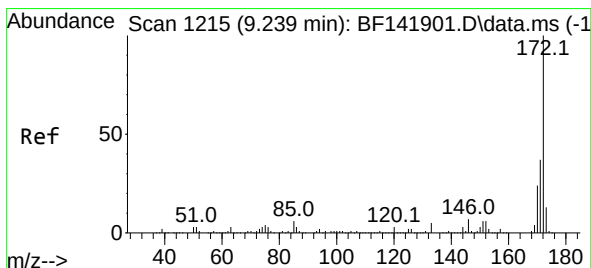
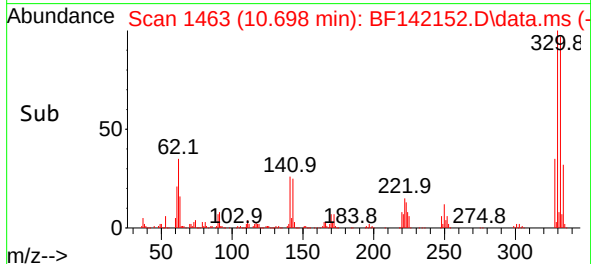
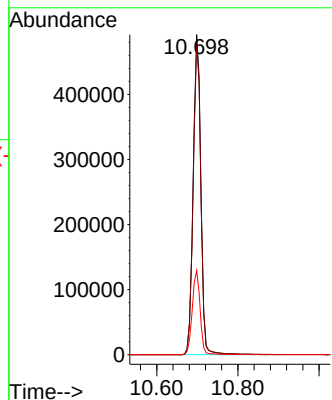
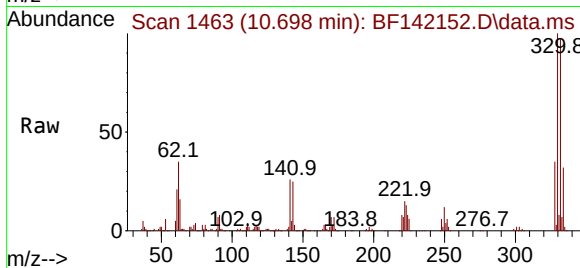
Tgt Ion:330 Resp: 651576

Ion Ratio Lower Upper

330 100

332 97.3 77.6 116.4

141 26.8 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 96.077 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142152.D

Acq: 28 Mar 2025 11:03

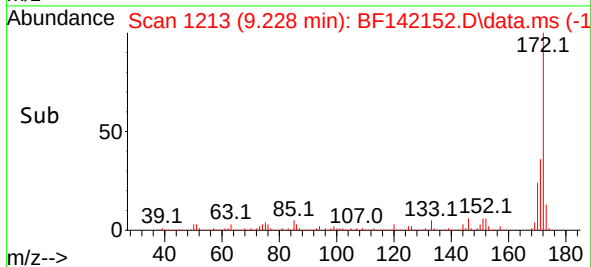
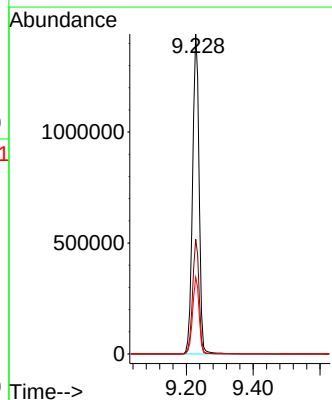
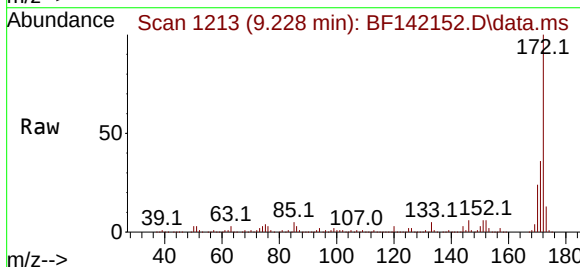
Tgt Ion:172 Resp: 1958386

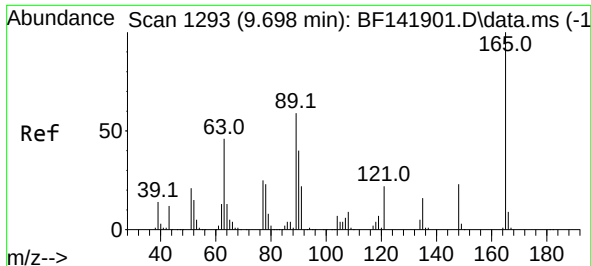
Ion Ratio Lower Upper

172 100

171 35.9 29.3 43.9

170 23.9 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.682 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF142152.D

Acq: 28 Mar 2025 11:03

Instrument :

BNA_F

ClientSampleId :

PB167359BL

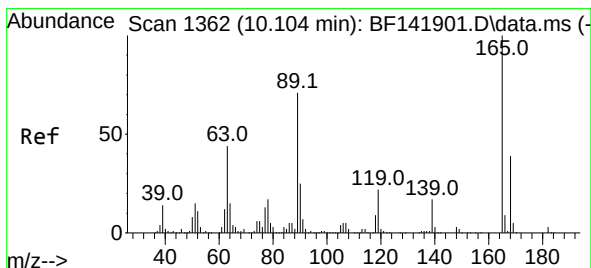
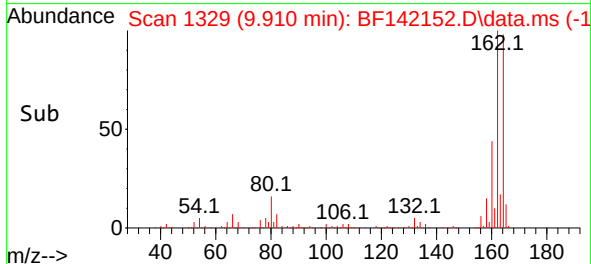
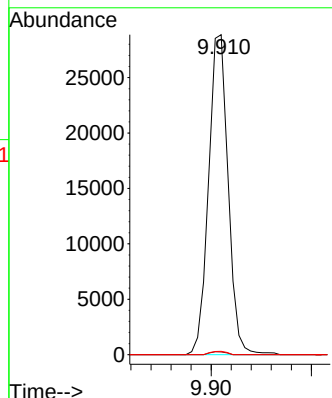
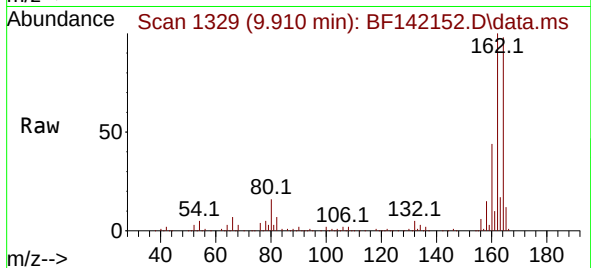
Tgt Ion:165 Resp: 39242

Ion Ratio Lower Upper

165 100

63 0.9 47.0 70.4#

89 1.0 47.4 71.2#



#57

2,4-Dinitrotoluene

Concen: 6.647 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.194 min

Lab File: BF142152.D

Acq: 28 Mar 2025 11:03

Tgt Ion:165 Resp: 39242

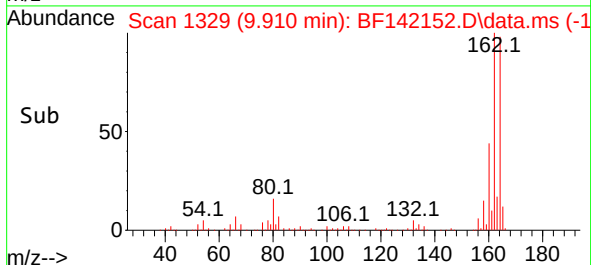
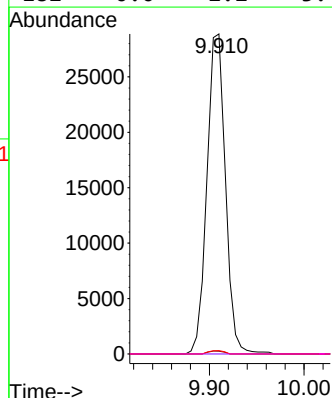
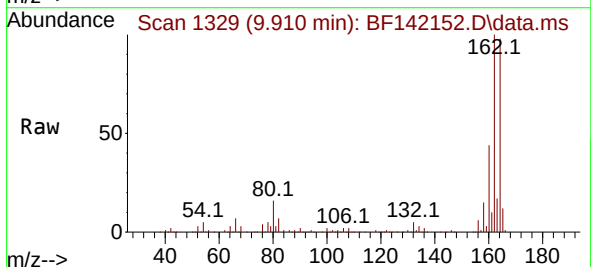
Ion Ratio Lower Upper

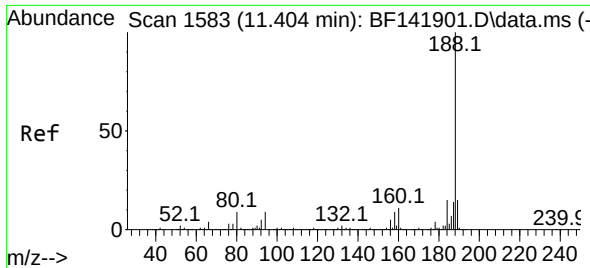
165 100

63 0.9 35.4 53.2#

89 1.0 56.6 84.8#

182 0.0 2.2 3.4#

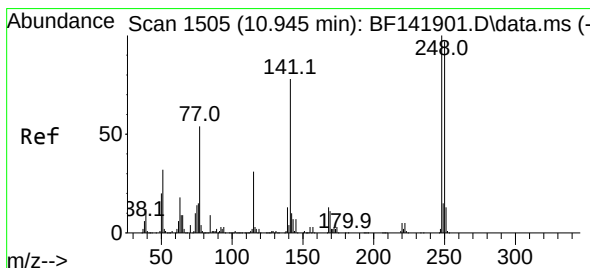
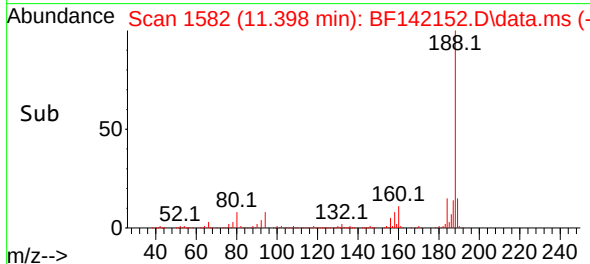
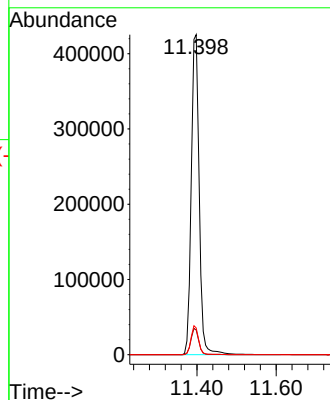
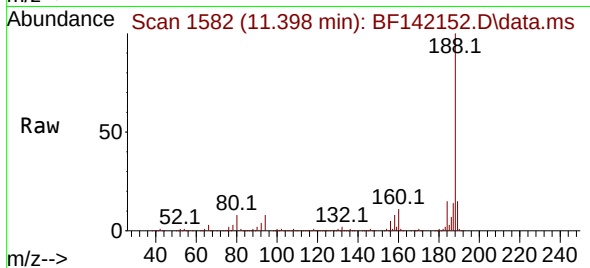




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142152.D
Acq: 28 Mar 2025 11:03

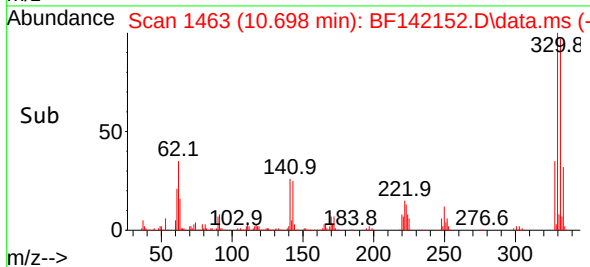
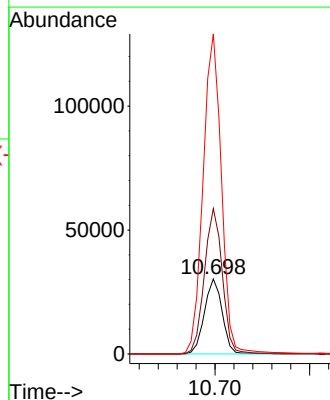
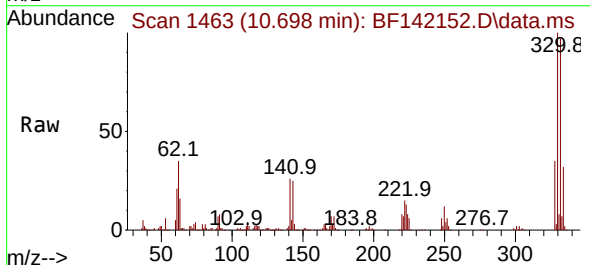
Instrument :
BNA_F
ClientSampleId :
PB167359BL

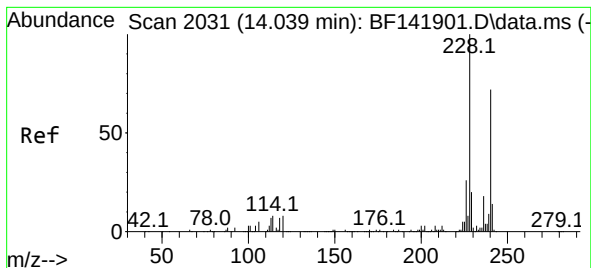
Tgt Ion:188 Resp: 592517
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.4 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.330 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF142152.D
Acq: 28 Mar 2025 11:03

Tgt Ion:248 Resp: 39662
Ion Ratio Lower Upper
248 100
250 193.8 77.8 116.8#
141 426.2 62.6 93.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF142152.D

Acq: 28 Mar 2025 11:03

Instrument :

BNA_F

ClientSampleId :

PB167359BL

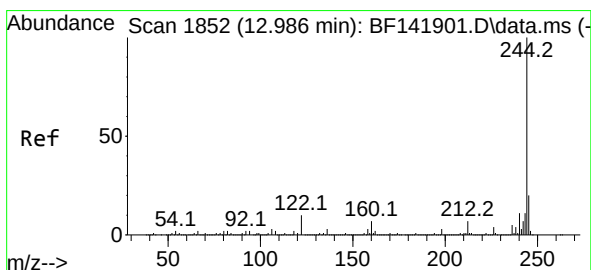
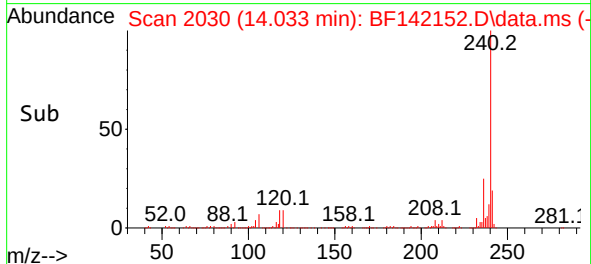
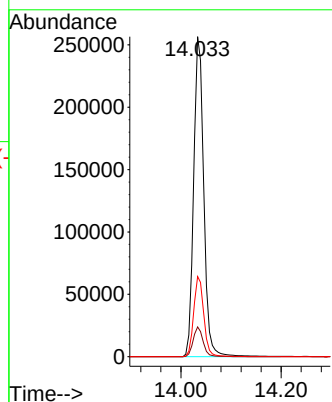
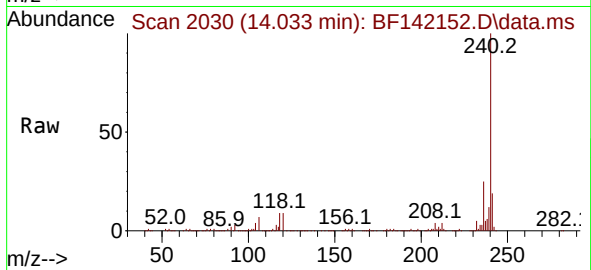
Tgt Ion:240 Resp: 358043

Ion Ratio Lower Upper

240 100

120 9.3 8.4 12.6

236 25.1 20.5 30.7



#79

Terphenyl-d14

Concen: 109.513 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF142152.D

Acq: 28 Mar 2025 11:03

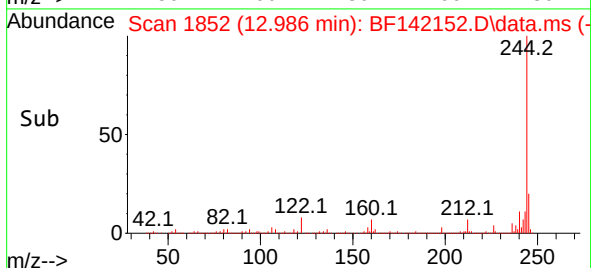
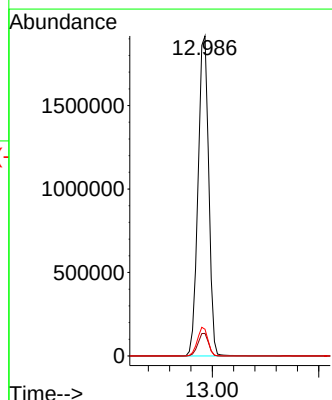
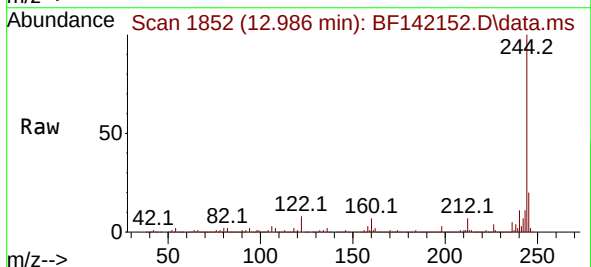
Tgt Ion:244 Resp: 2652109

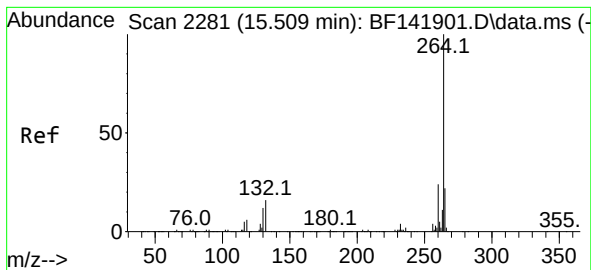
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

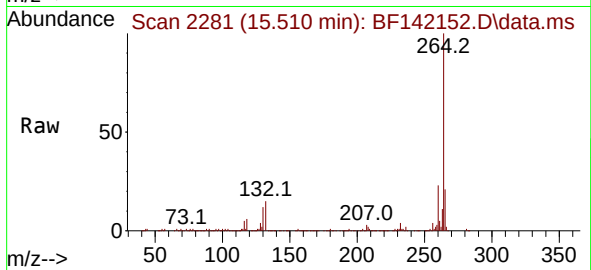
122 8.4 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF142152.D
 Acq: 28 Mar 2025 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PB167359BL



Tgt Ion:264 Resp: 262004
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.2 17.5 26.3

