

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
 Data File : BF141913.D
 Acq On : 11 Mar 2025 13:20
 Operator : RC/JU
 Sample : PB167078BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167078BL

Quant Time: Mar 11 13:52:50 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)

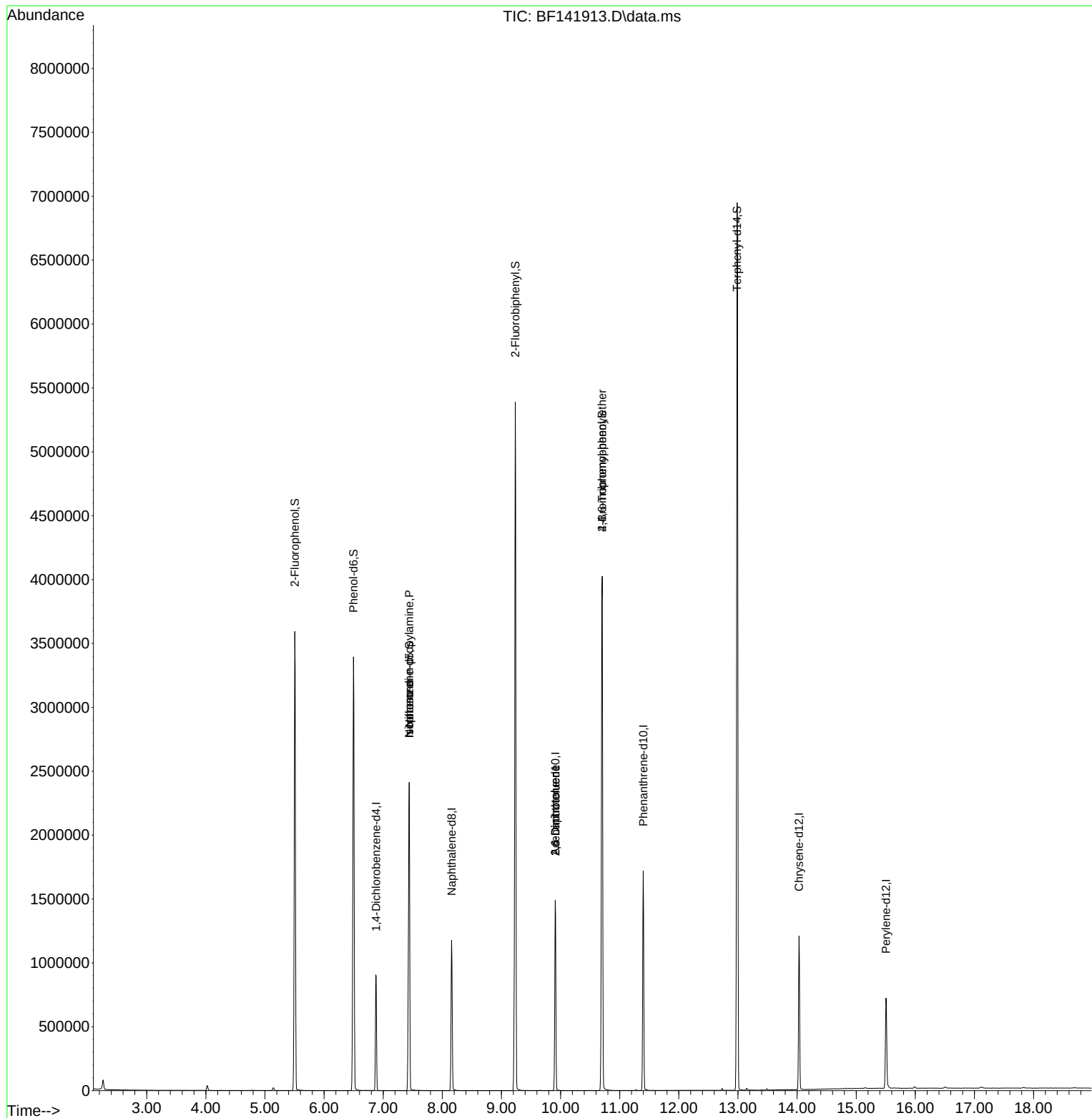
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	195931	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	786916	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	459725	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	870084	20.000	ng	0.00
76) Chrysene-d12	14.033	240	580269	20.000	ng	0.00
86) Perylene-d12	15.504	264	428987	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1451218	123.616	ng	0.01
7) Phenol-d6	6.498	99	1790755	119.805	ng	0.00
23) Nitrobenzene-d5	7.439	82	1209388	86.489	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	814732	139.695	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2542231	84.099	ng	0.00
79) Terphenyl-d14	12.986	244	3684086	93.866	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	166896	17.377	ng	# 78
25) Isophorone	7.439	82	1192789	48.257	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	60648	9.048	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	60648	6.927	ng	# 24
67) 4-Bromophenyl-phenylether	10.704	248	50805	4.649	ng	# 1

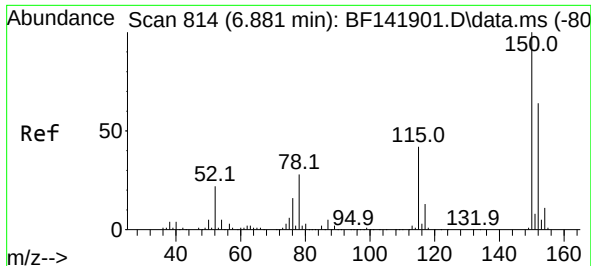
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141913.D
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ALS Vial : 5 Sample Multiplier: 1

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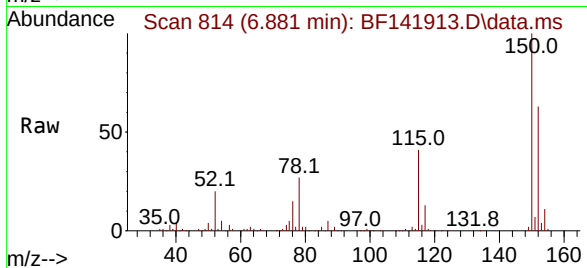
Quant Time: Mar 11 13:52:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



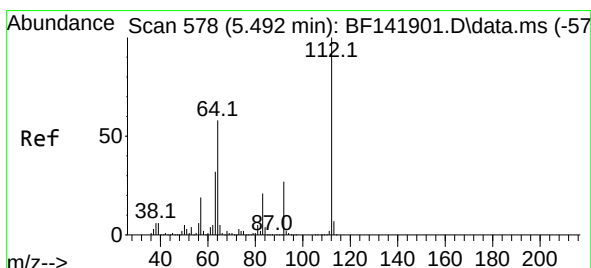
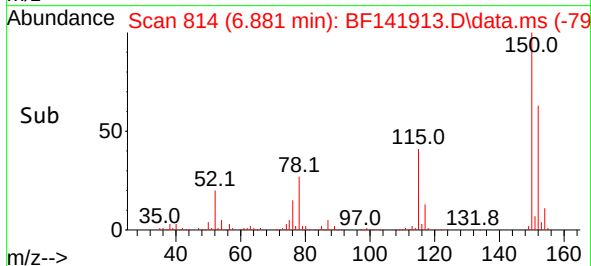
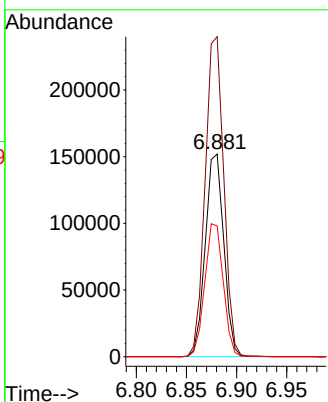


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141913.D
Acq: 11 Mar 2025 13:20

Instrument :
BNA_F
ClientSampleId :
PB167078BL

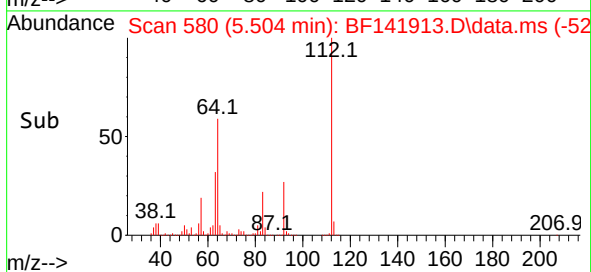
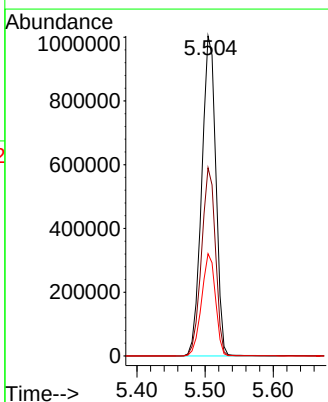
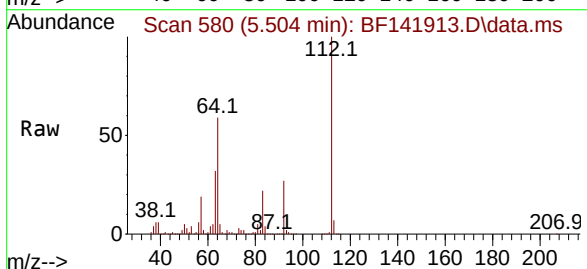


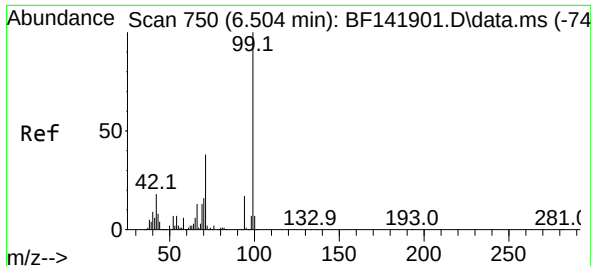
Tgt Ion:152 Resp: 195931
Ion Ratio Lower Upper
152 100
150 158.0 127.4 191.2
115 64.5 51.9 77.9



#5
2-Fluorophenol
Concen: 123.616 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF141913.D
Acq: 11 Mar 2025 13:20

Tgt Ion:112 Resp: 1451218
Ion Ratio Lower Upper
112 100
64 58.8 46.5 69.7
63 32.0 25.4 38.2

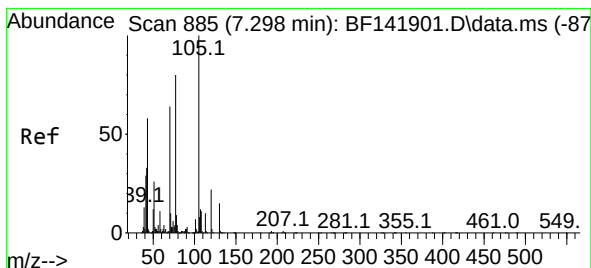
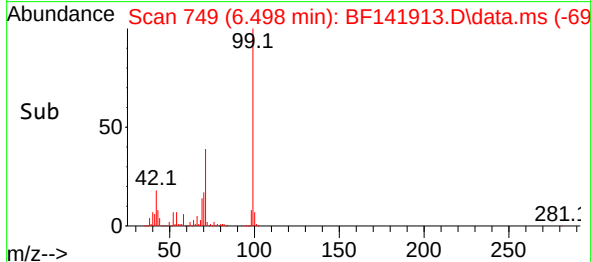
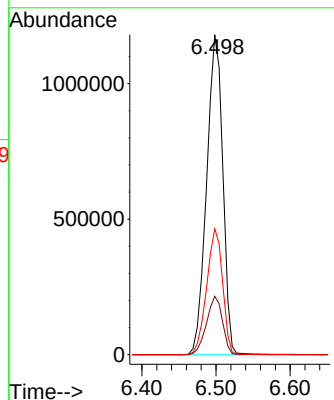
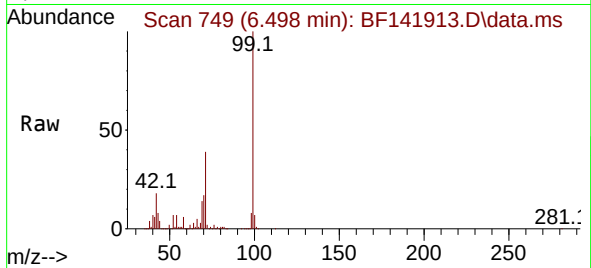




#7
Phenol-d6
Concen: 119.805 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF141913.D
Acq: 11 Mar 2025 13:20

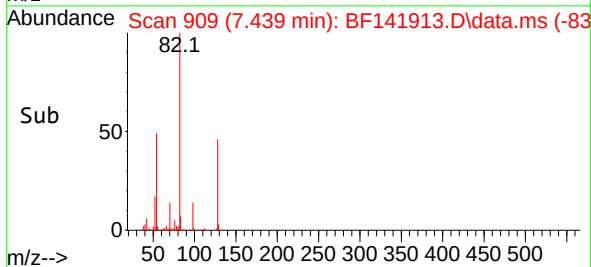
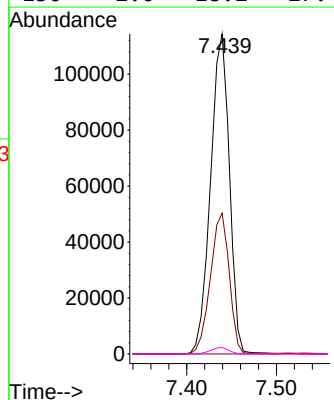
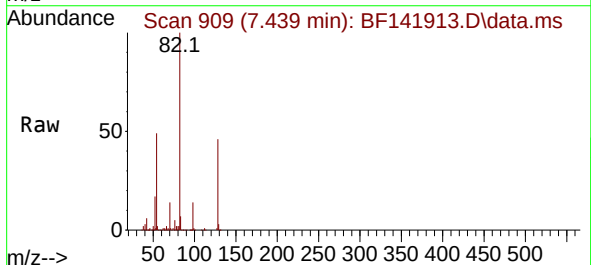
Instrument :
BNA_F
ClientSampleId :
PB167078BL

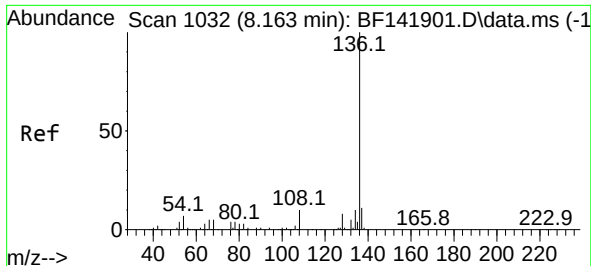
Tgt Ion: 99 Resp: 1790755
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 39.3 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.377 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF141913.D
Acq: 11 Mar 2025 13:20

Tgt Ion: 70 Resp: 166896
Ion Ratio Lower Upper
70 100
42 44.0 41.4 62.0
101 0.0 8.2 12.2#
130 2.0 18.2 27.4#

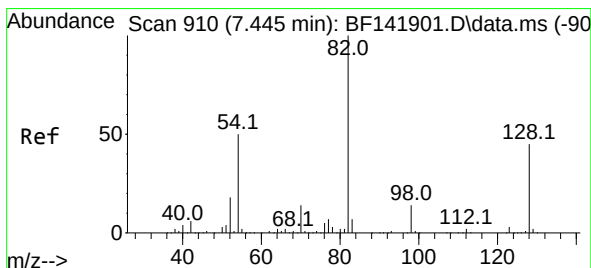
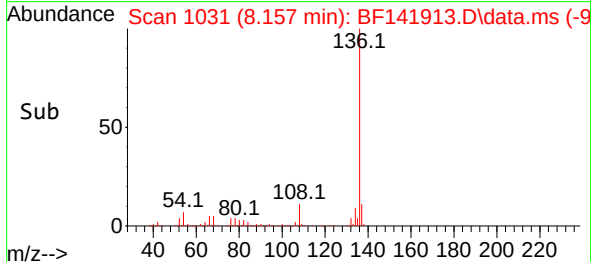
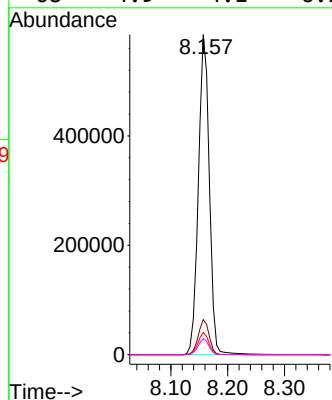
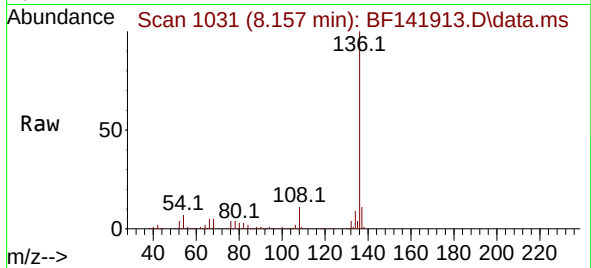




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141913.D
Acq: 11 Mar 2025 13:20

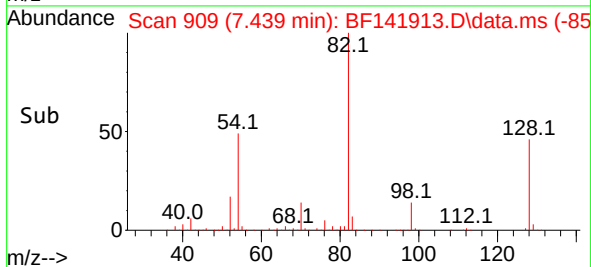
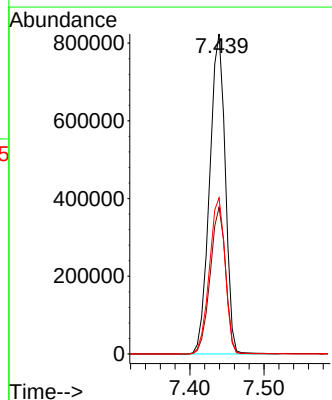
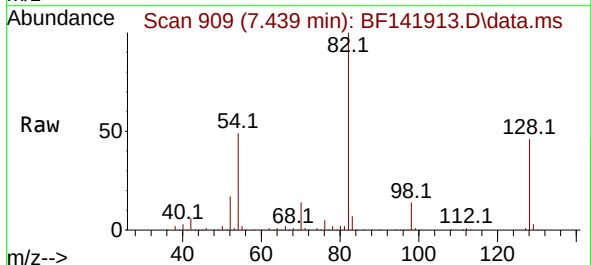
Instrument :
BNA_F
ClientSampleId :
PB167078BL

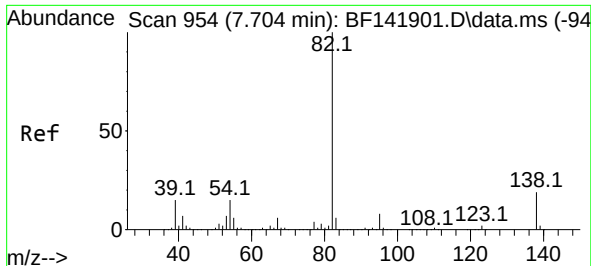
Tgt Ion:136 Resp: 786916
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.9 5.8 8.8
68 4.9 4.1 6.1



#23
Nitrobenzene-d5
Concen: 86.489 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF141913.D
Acq: 11 Mar 2025 13:20

Tgt Ion: 82 Resp: 1209388
Ion Ratio Lower Upper
82 100
128 45.8 36.0 54.0
54 48.8 39.6 59.4

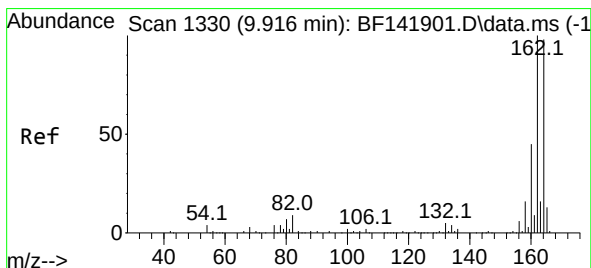
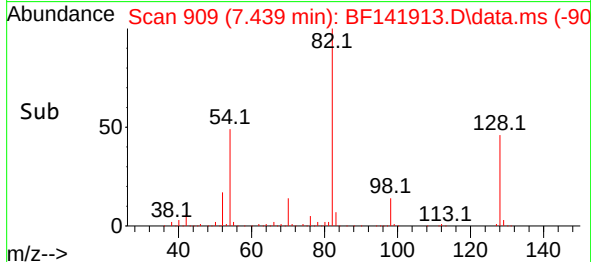
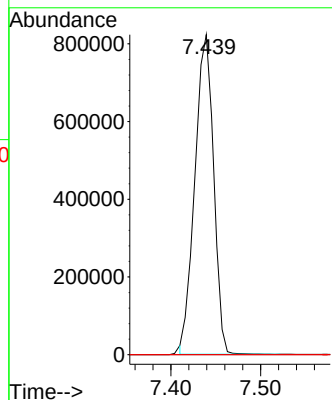
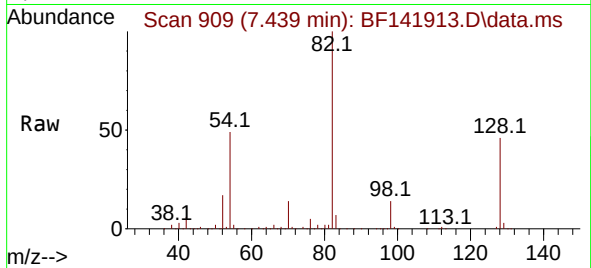




#25
Isophorone
Concen: 48.257 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF141913.D
Acq: 11 Mar 2025 13:20

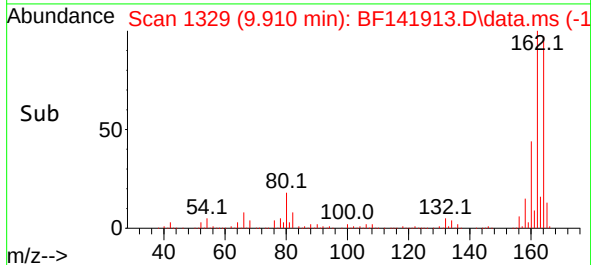
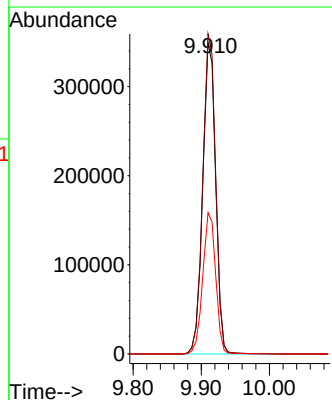
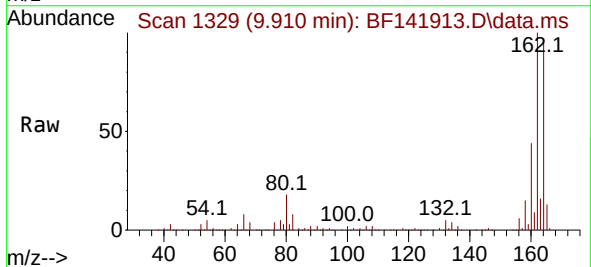
Instrument :
BNA_F
ClientSampleId :
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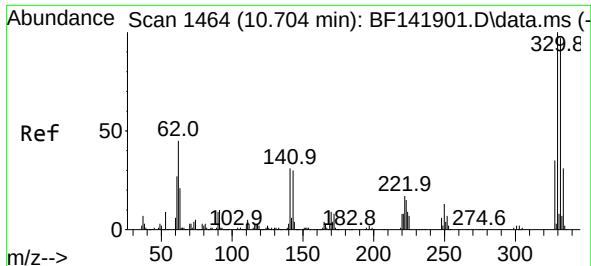
Tgt Ion: 82 Resp: 1192789
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141913.D
Acq: 11 Mar 2025 13:20

Tgt Ion:164 Resp: 459725
Ion Ratio Lower Upper
164 100
162 102.8 81.8 122.6
160 45.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 139.695 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF141913.D

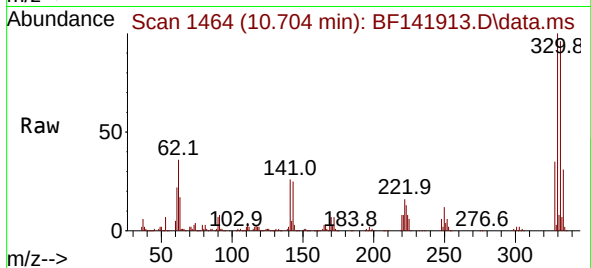
Acq: 11 Mar 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB167078BL



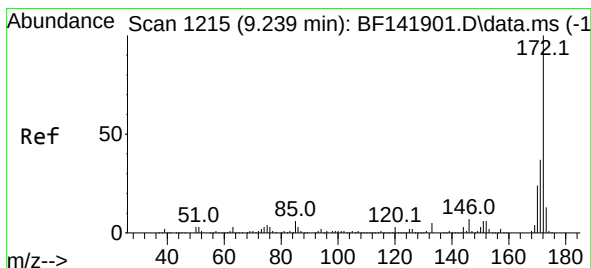
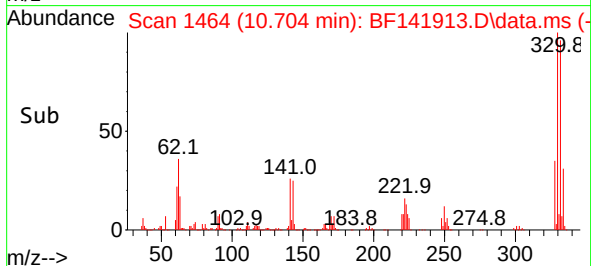
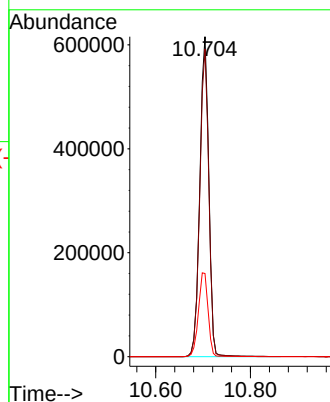
Tgt Ion:330 Resp: 814732

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 28.1 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 84.099 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141913.D

Acq: 11 Mar 2025 13:20

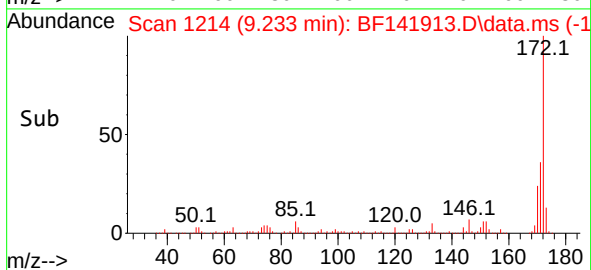
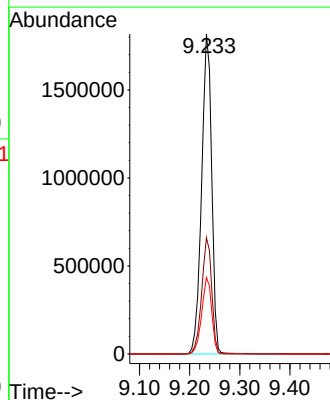
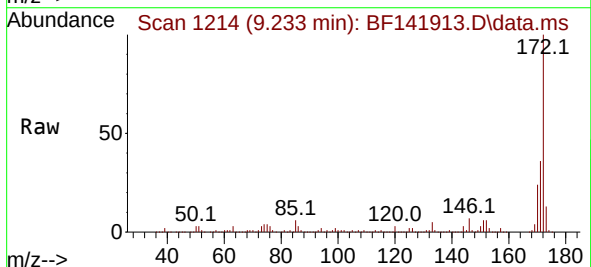
Tgt Ion:172 Resp: 2542231

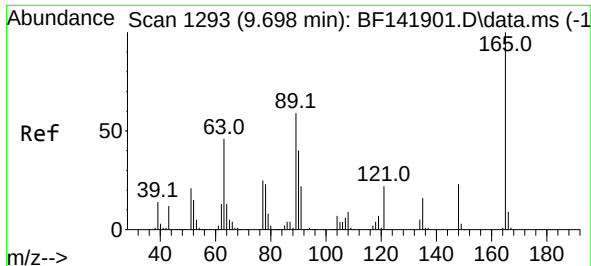
Ion Ratio Lower Upper

172 100

171 36.4 29.3 43.9

170 23.9 19.4 29.0

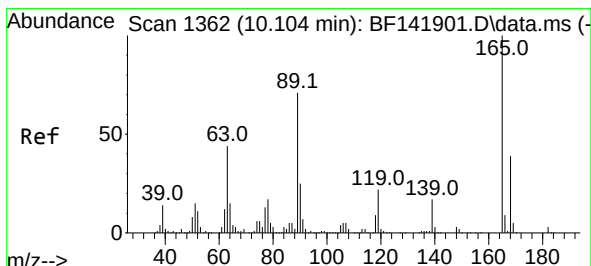
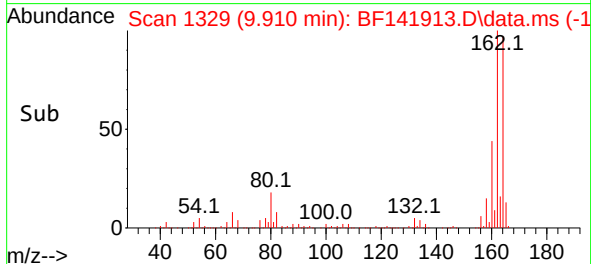
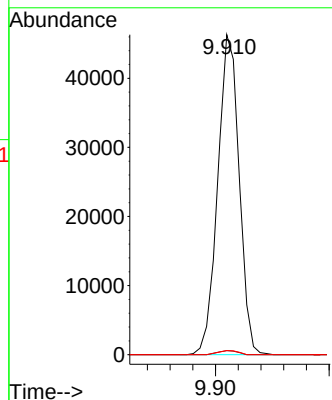
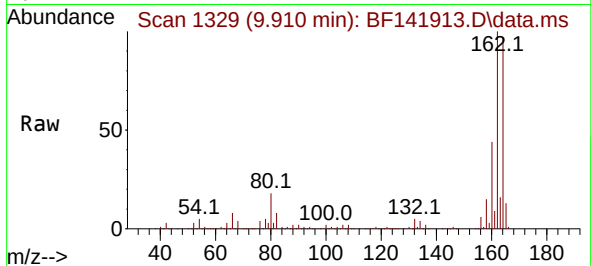




#51
2,6-Dinitrotoluene
Concen: 9.048 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF141913.D
Acq: 11 Mar 2025 13:20

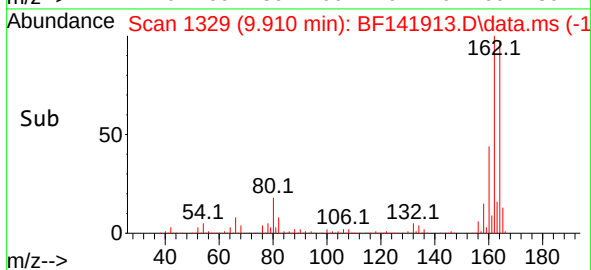
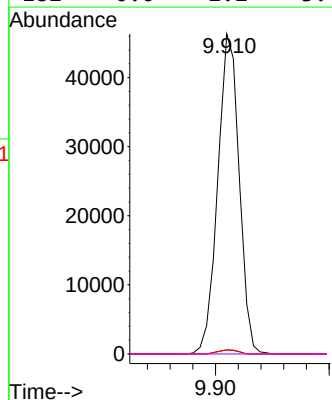
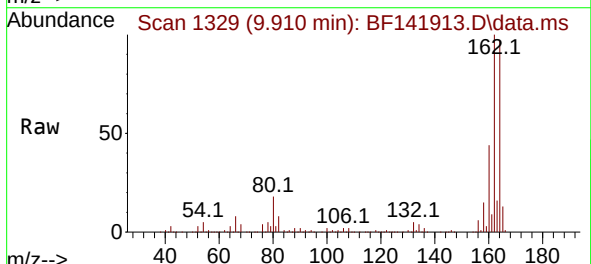
Instrument :
BNA_F
ClientSampleId :
PB167078BL

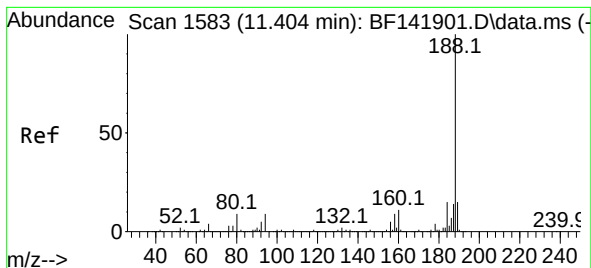
Tgt Ion:165 Resp: 60648
Ion Ratio Lower Upper
165 100
63 1.2 47.0 70.4#
89 1.3 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.927 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF141913.D
Acq: 11 Mar 2025 13:20

Tgt Ion:165 Resp: 60648
Ion Ratio Lower Upper
165 100
63 1.2 35.4 53.2#
89 1.3 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: BF141913.D

Acq: 11 Mar 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB167078BL

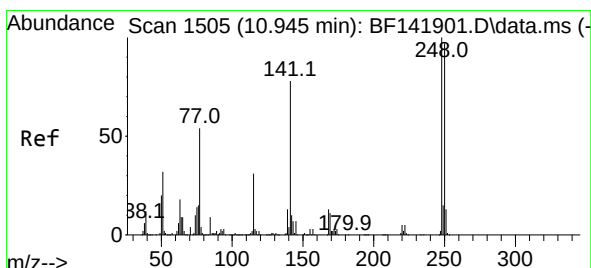
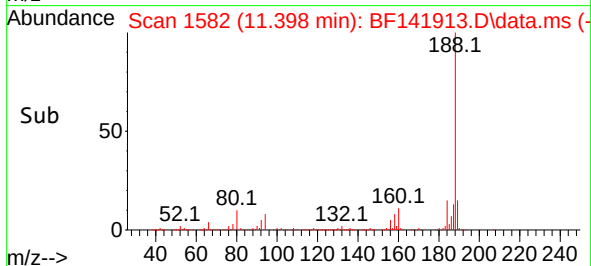
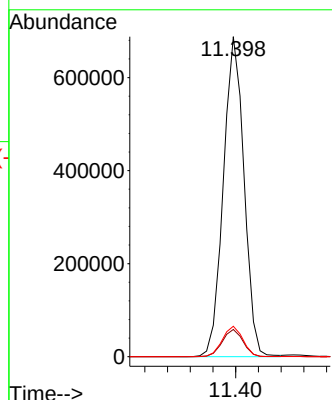
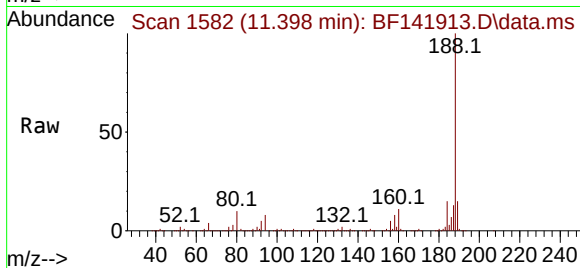
Tgt Ion:188 Resp: 870084

Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

80 9.5 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.649 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF141913.D

Acq: 11 Mar 2025 13:20

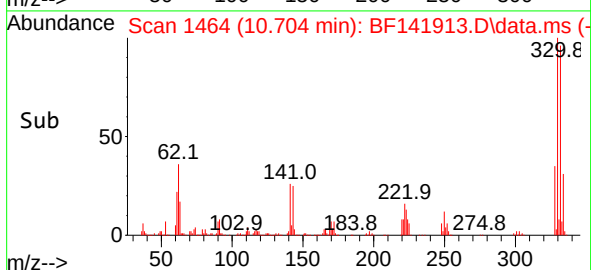
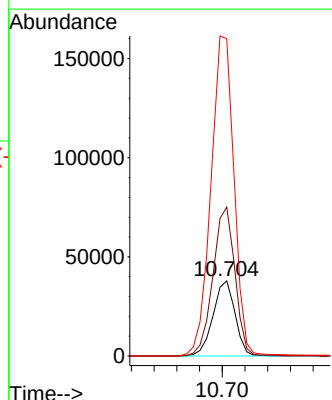
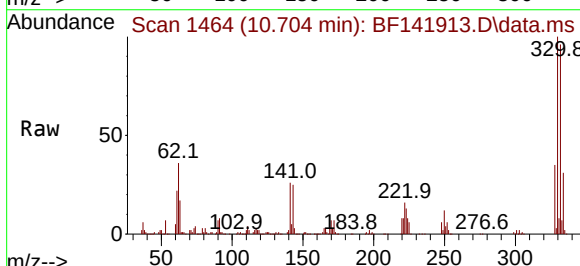
Tgt Ion:248 Resp: 50805

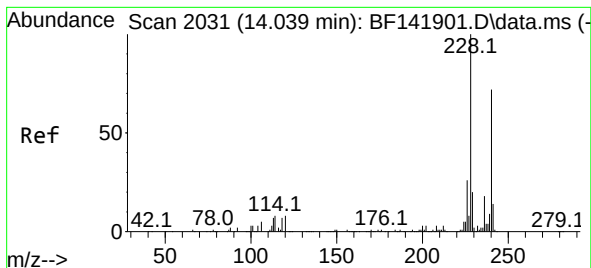
Ion Ratio Lower Upper

248 100

250 198.4 77.8 116.8#

141 423.0 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: BF141913.D

Acq: 11 Mar 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB167078BL

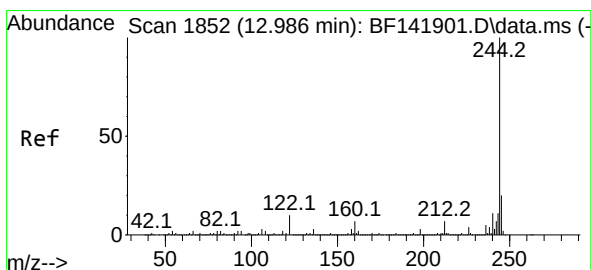
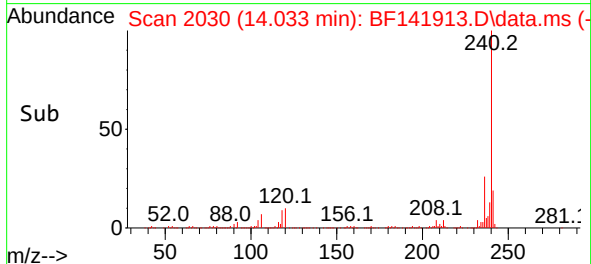
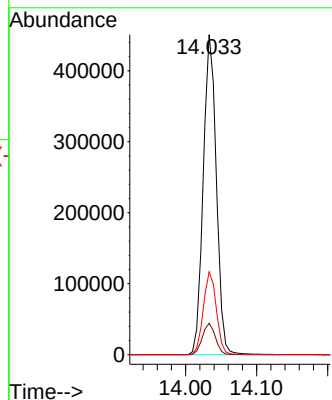
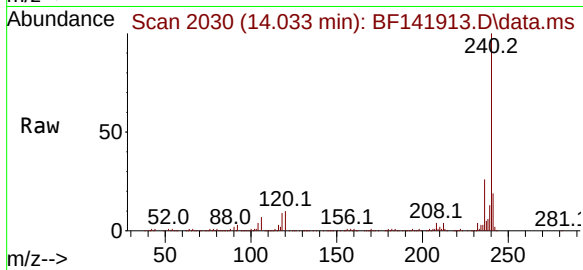
Tgt Ion:240 Resp: 580269

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

236 25.9 20.5 30.7



#79

Terphenyl-d14

Concen: 93.866 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141913.D

Acq: 11 Mar 2025 13:20

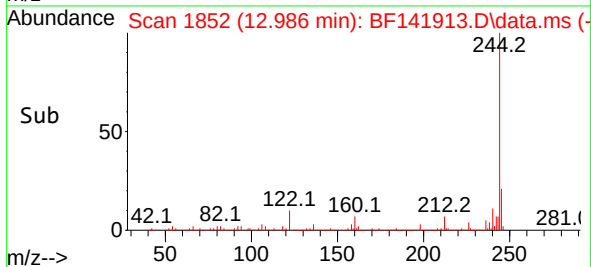
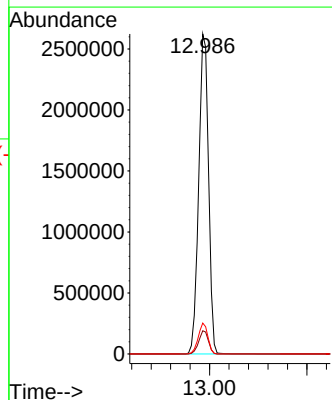
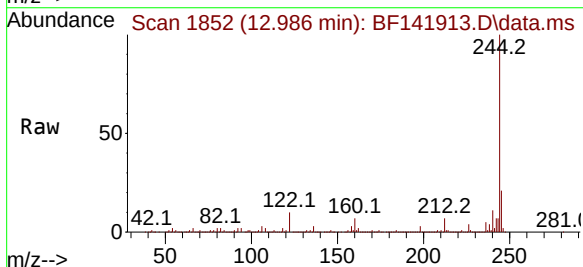
Tgt Ion:244 Resp: 3684086

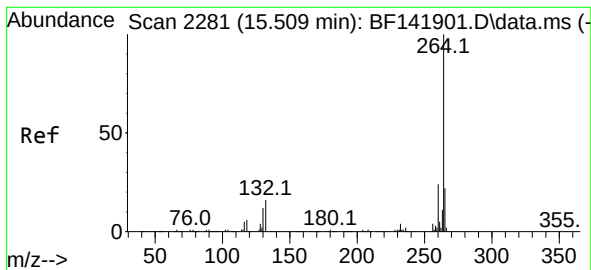
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 9.6 7.7 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141913.D

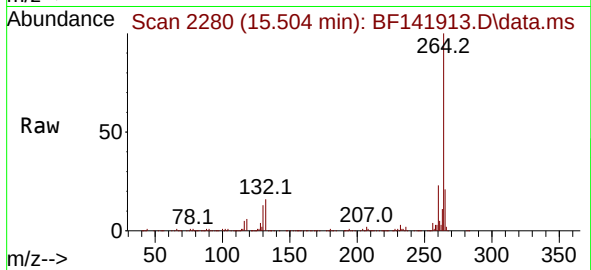
Acq: 11 Mar 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB167078BL



Tgt Ion:264 Resp: 428987

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.4 17.5 26.3

