

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
 Data File : BF141934.D
 Acq On : 12 Mar 2025 11:36
 Operator : RC/JU
 Sample : PB167049TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167049TB

Quant Time: Mar 12 14:25:55 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)

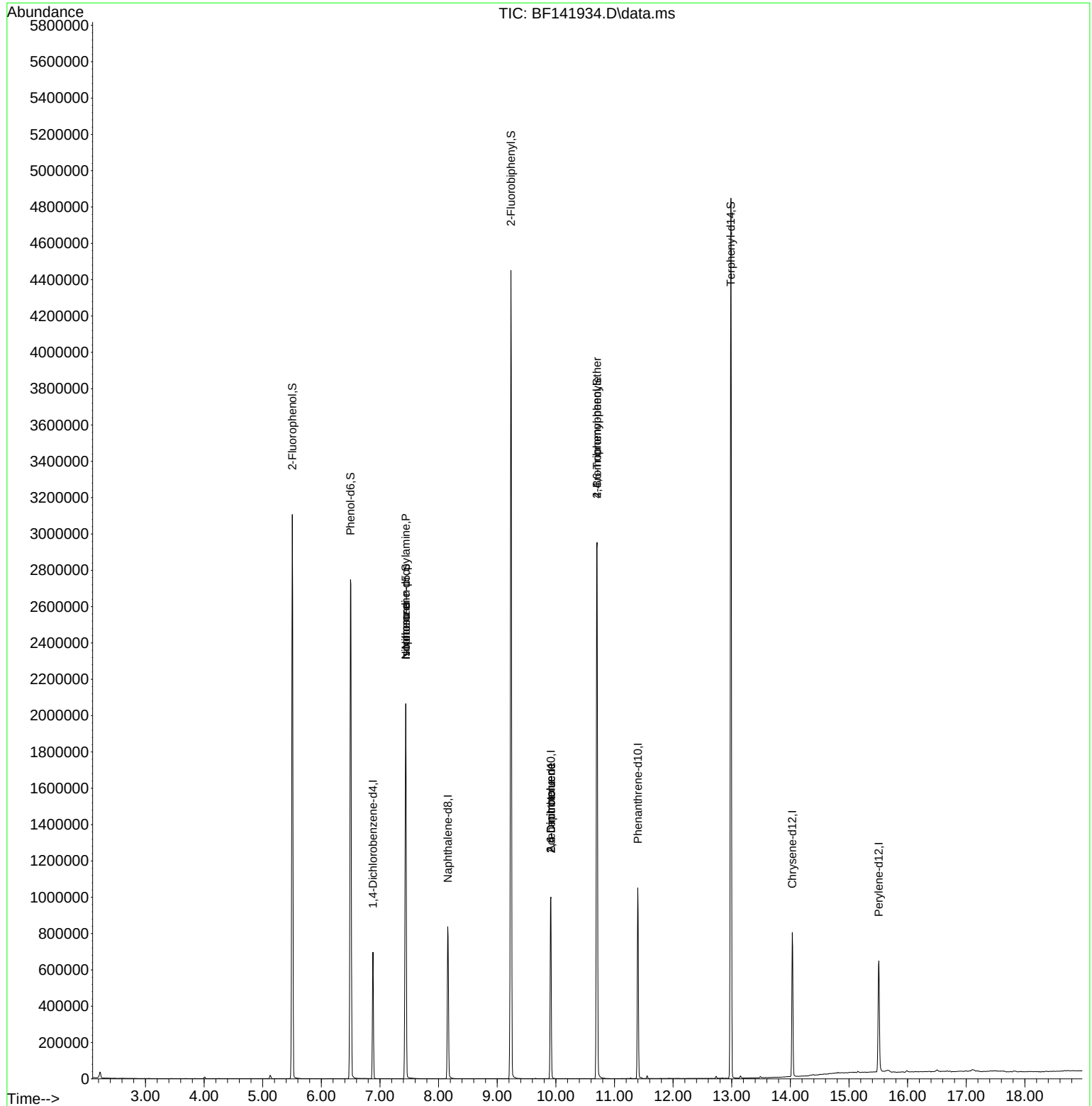
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	142295	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	563532	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	313655	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	544655	20.000	ng	0.00
76) Chrysene-d12	14.033	240	397000	20.000	ng	0.00
86) Perylene-d12	15.510	264	371048	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1211368	142.080	ng	0.01
7) Phenol-d6	6.498	99	1464894	134.946	ng	0.00
23) Nitrobenzene-d5	7.439	82	977884	97.654	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	573413	144.105	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2026881	98.277	ng	0.00
79) Terphenyl-d14	12.986	244	2438762	90.821	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	134542	19.288	ng	# 78
25) Isophorone	7.439	82	966051	54.576	ng	# 64
51) 2,6-Dinitrotoluene	9.916	165	40082	8.765	ng	# 23
57) 2,4-Dinitrotoluene	9.916	165	40082	6.710	ng	# 24
67) 4-Bromophenyl-phenylether	10.704	248	35986	5.261	ng	# 1

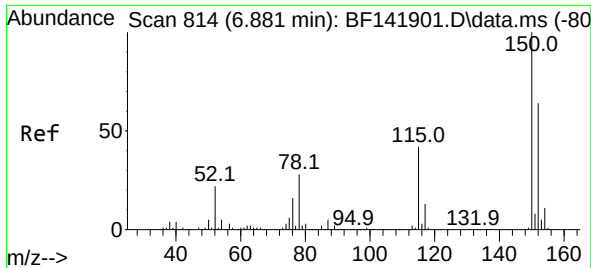
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141934.D
Acq On : 12 Mar 2025 11:36
Operator : RC/JU
Sample : PB167049TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167049TB

Quant Time: Mar 12 14:25:55 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

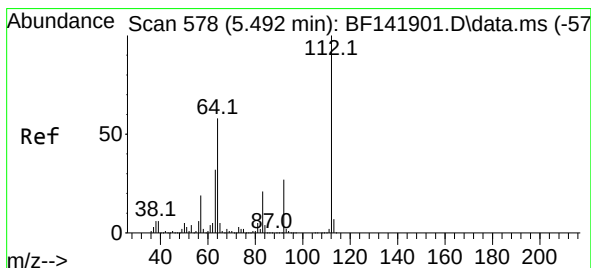
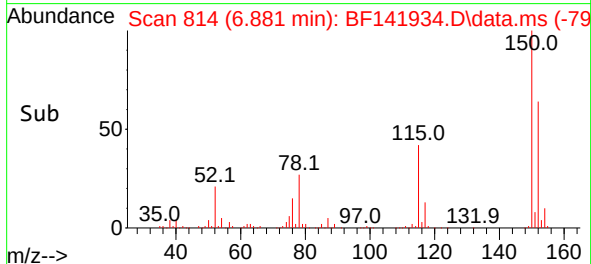
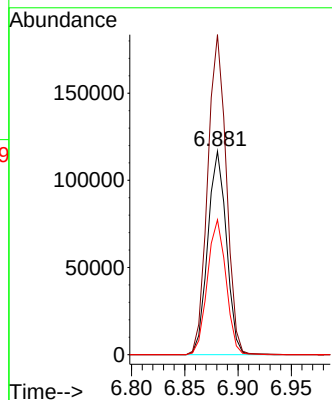
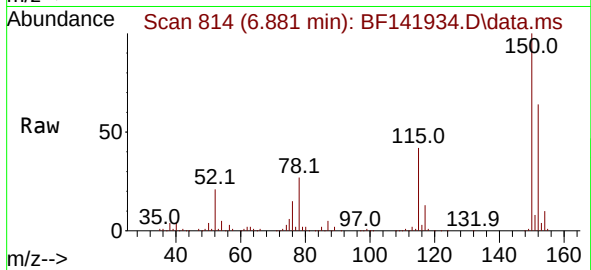




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF141934.D
 Acq: 12 Mar 2025 11:36

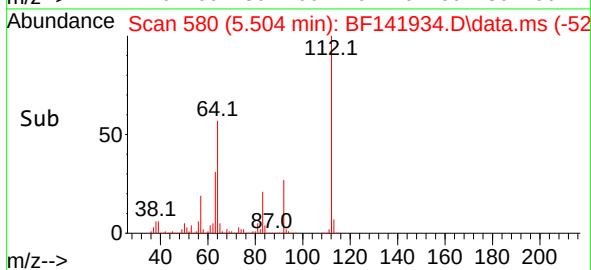
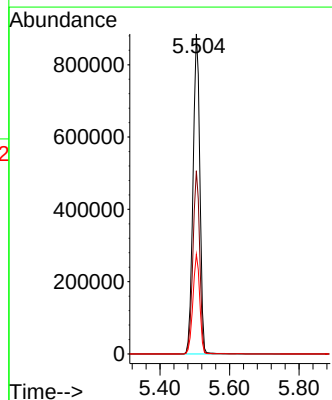
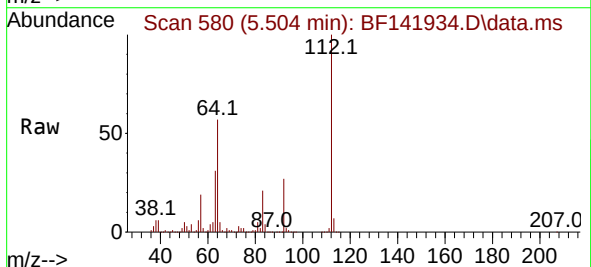
Instrument :
 BNA_F
 ClientSampleId :
 PB167049TB

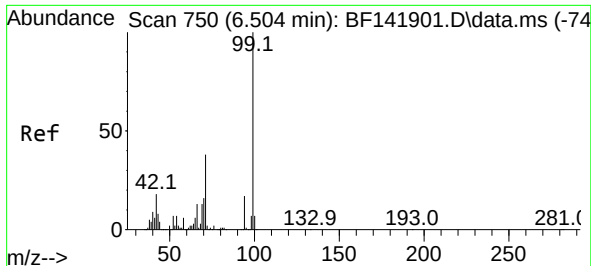
Tgt Ion:152 Resp: 142295
 Ion Ratio Lower Upper
 152 100
 150 157.3 127.4 191.2
 115 66.3 51.9 77.9



#5
 2-Fluorophenol
 Concen: 142.080 ng
 RT: 5.504 min Scan# 580
 Delta R.T. 0.012 min
 Lab File: BF141934.D
 Acq: 12 Mar 2025 11:36

Tgt Ion:112 Resp: 1211368
 Ion Ratio Lower Upper
 112 100
 64 57.3 46.5 69.7
 63 31.1 25.4 38.2

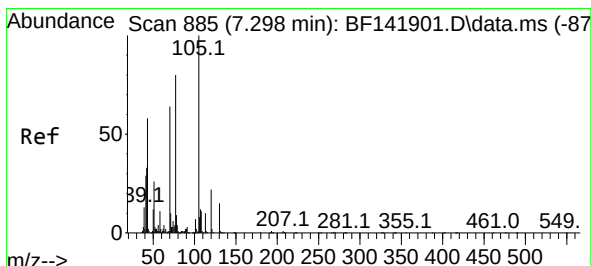
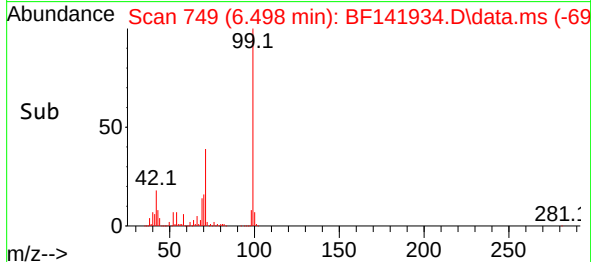
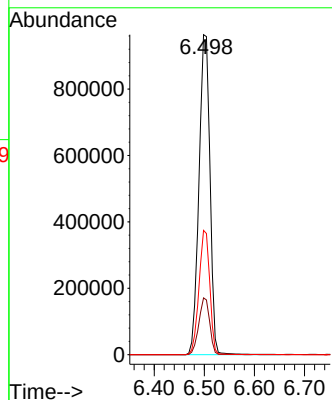
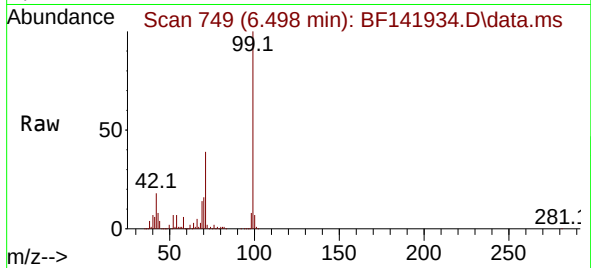




#7
Phenol-d6
Concen: 134.946 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

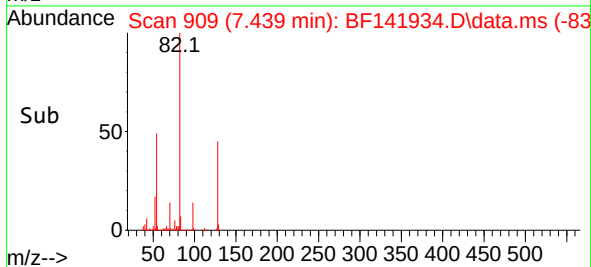
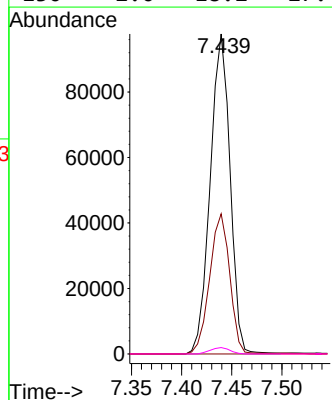
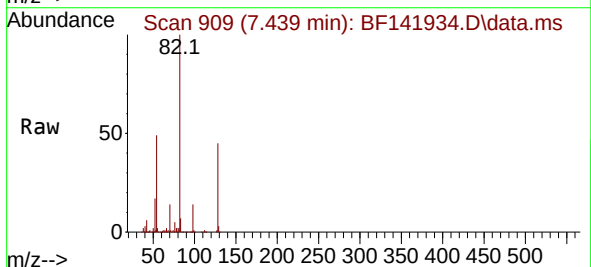
Instrument :
BNA_F
ClientSampleId :
PB167049TB

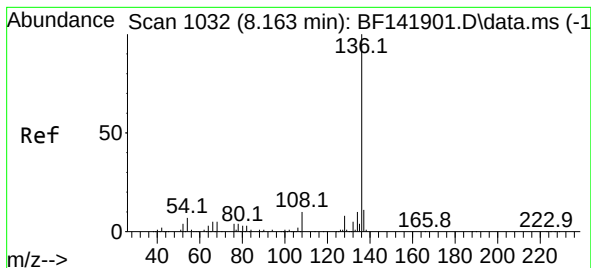
Tgt Ion: 99 Resp: 1464894
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 38.8 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.288 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

Tgt Ion: 70 Resp: 134542
Ion Ratio Lower Upper
70 100
42 43.8 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# 1

Delta R.T. -0.006 min

Lab File: BF141934.D

Acq: 12 Mar 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB167049TB

Tgt Ion:136 Resp: 563532

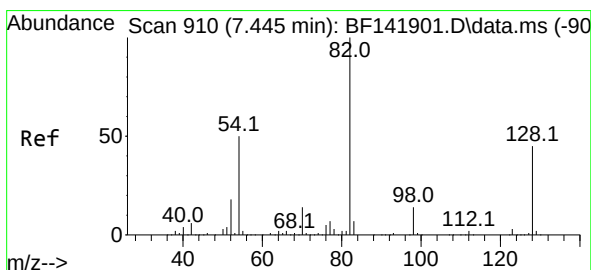
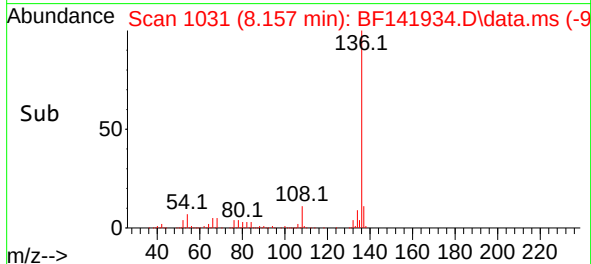
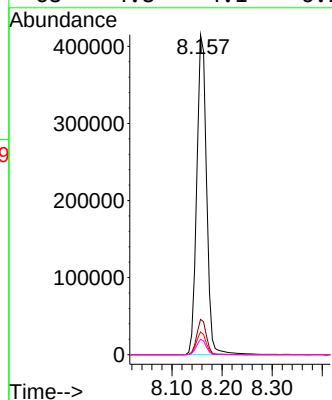
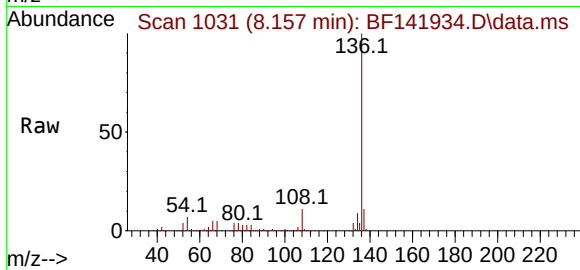
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.1 5.8 8.8

68 4.8 4.1 6.1



#23

Nitrobenzene-d5

Concen: 97.654 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF141934.D

Acq: 12 Mar 2025 11:36

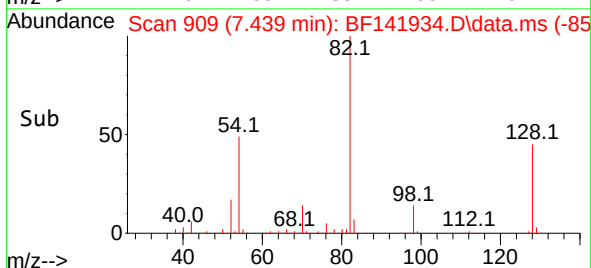
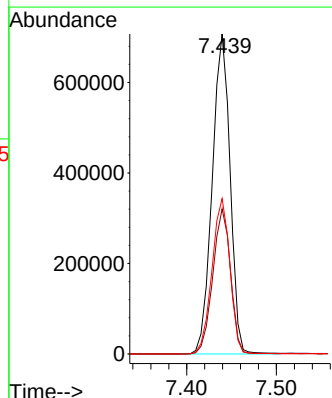
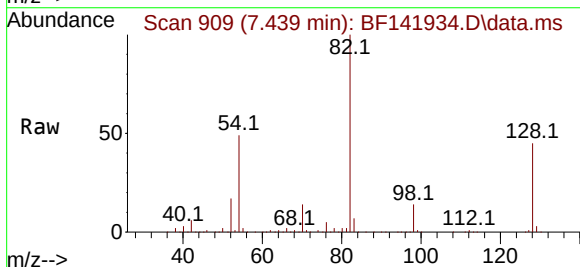
Tgt Ion: 82 Resp: 977884

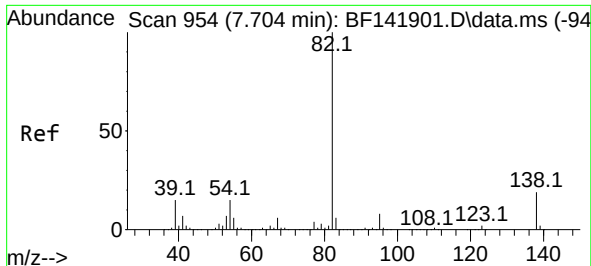
Ion Ratio Lower Upper

82 100

128 45.3 36.0 54.0

54 48.5 39.6 59.4

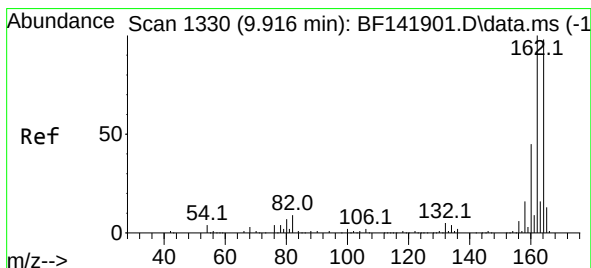
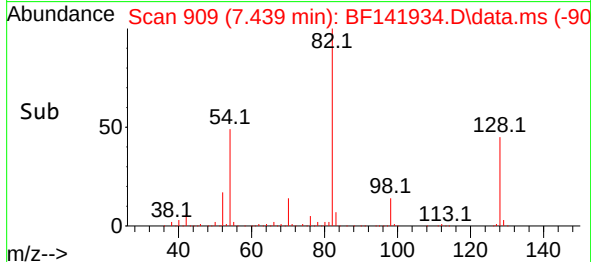
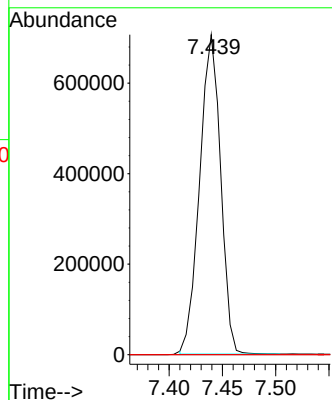
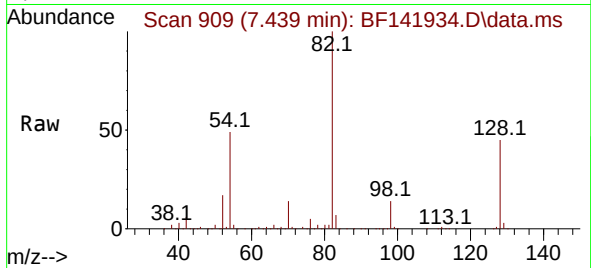




#25
Isophorone
Concen: 54.576 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

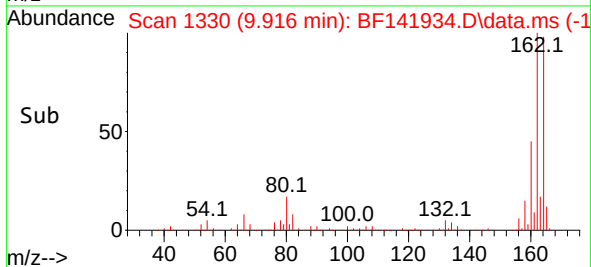
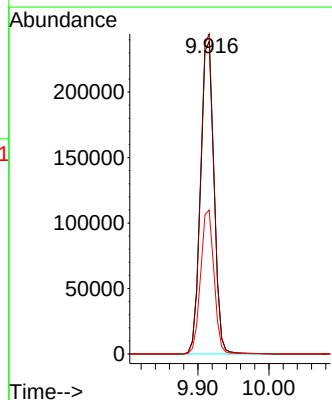
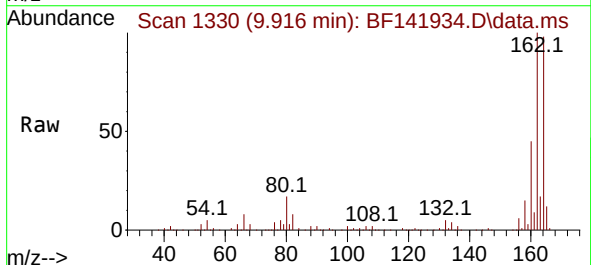
Instrument :
BNA_F
ClientSampleId :
PB167049TB

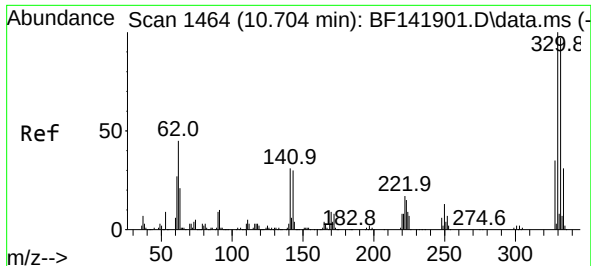
Tgt Ion: 82 Resp: 966051
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

Tgt Ion:164 Resp: 313655
Ion Ratio Lower Upper
164 100
162 102.4 81.8 122.6
160 46.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 144.105 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF141934.D

Acq: 12 Mar 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB167049TB

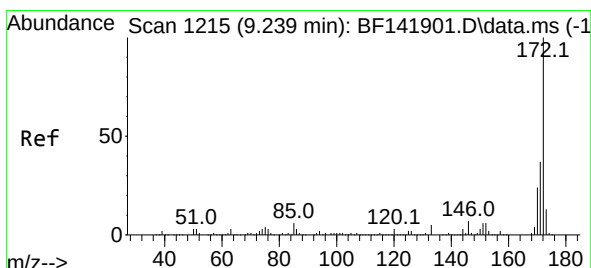
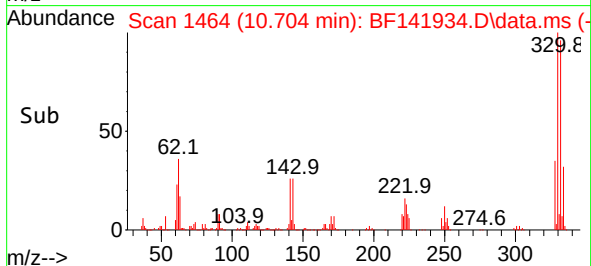
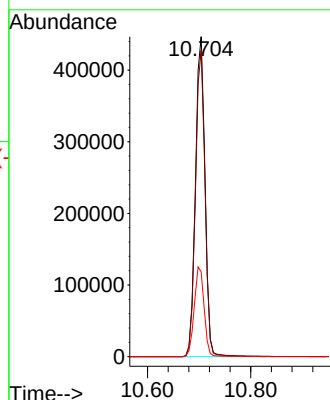
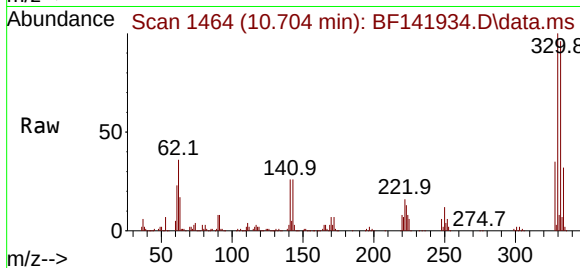
Tgt Ion:330 Resp: 573413

Ion Ratio Lower Upper

330 100

332 95.8 77.6 116.4

141 29.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 98.277 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141934.D

Acq: 12 Mar 2025 11:36

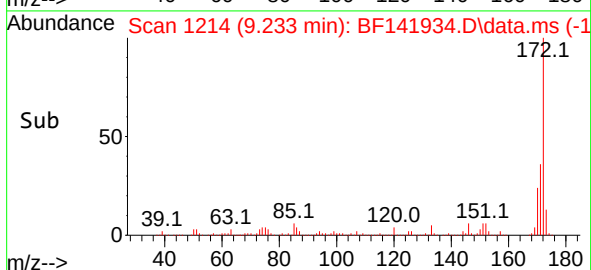
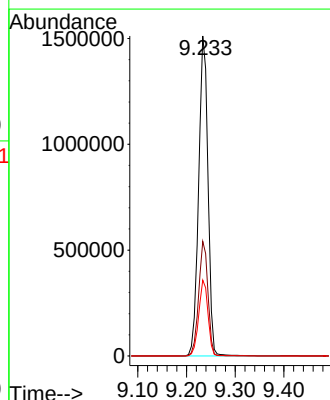
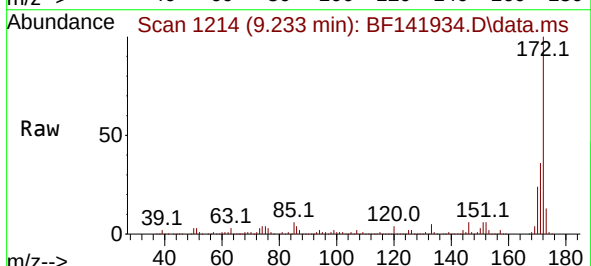
Tgt Ion:172 Resp: 2026881

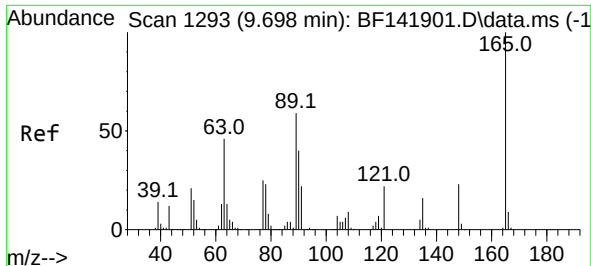
Ion Ratio Lower Upper

172 100

171 35.8 29.3 43.9

170 23.7 19.4 29.0

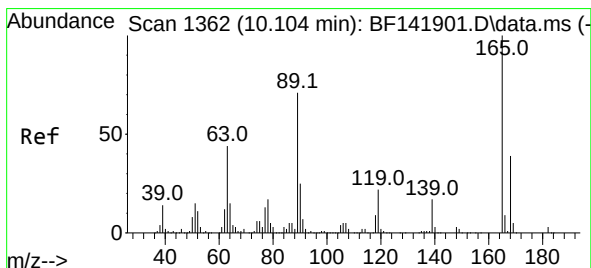
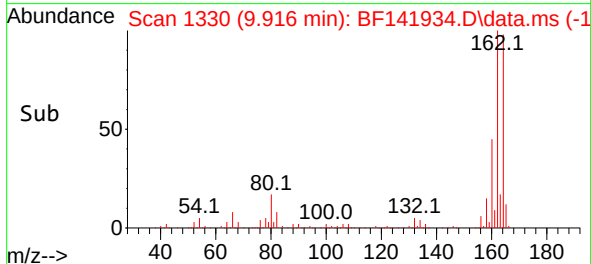
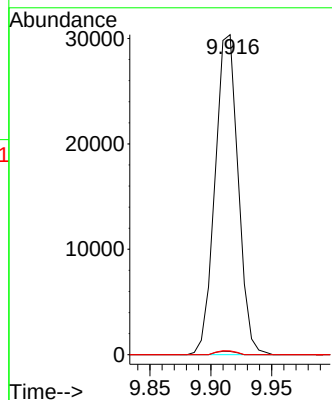
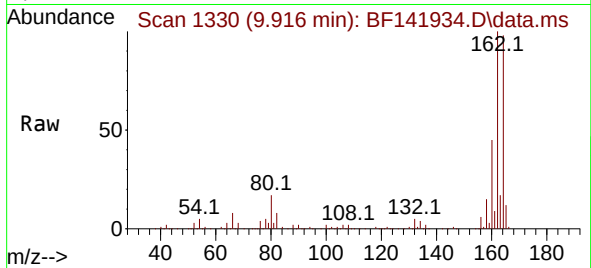




#51
2,6-Dinitrotoluene
Concen: 8.765 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

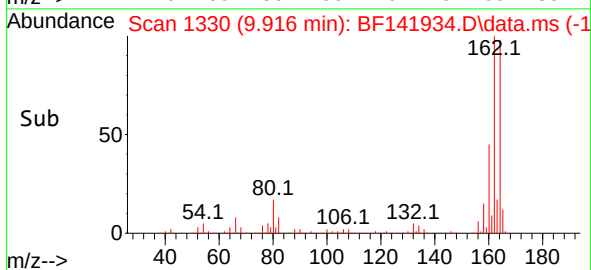
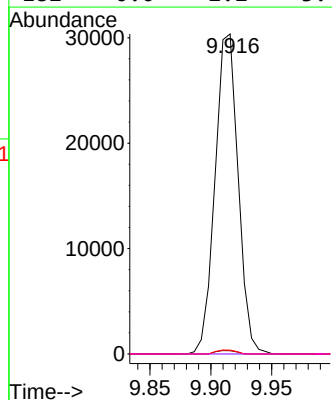
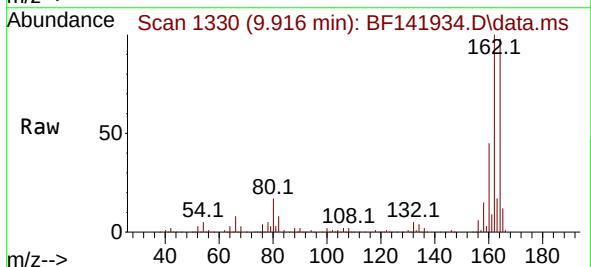
Instrument :
BNA_F
ClientSampleId :
PB167049TB

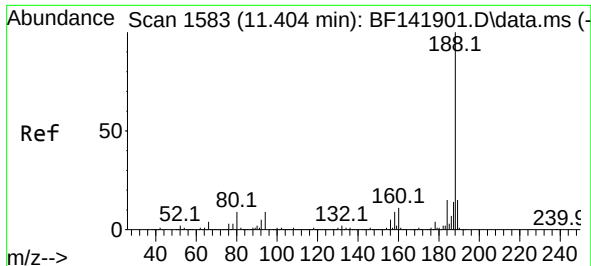
Tgt Ion:165 Resp: 40082
Ion Ratio Lower Upper
165 100
63 1.0 47.0 70.4#
89 1.2 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.710 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

Tgt Ion:165 Resp: 40082
Ion Ratio Lower Upper
165 100
63 1.0 35.4 53.2#
89 1.2 56.6 84.8#
182 0.0 2.2 3.4#

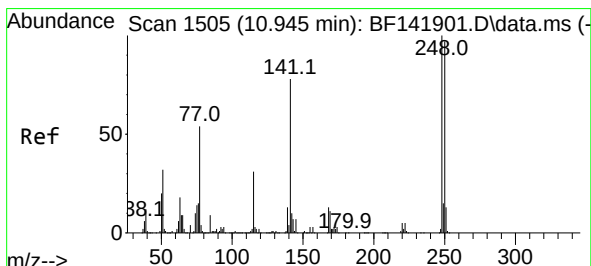
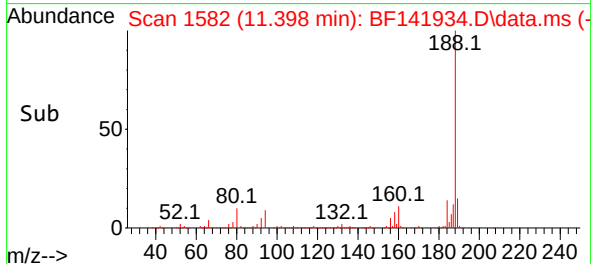
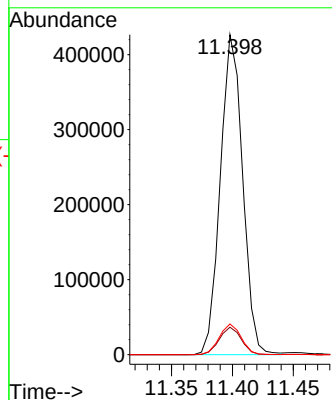
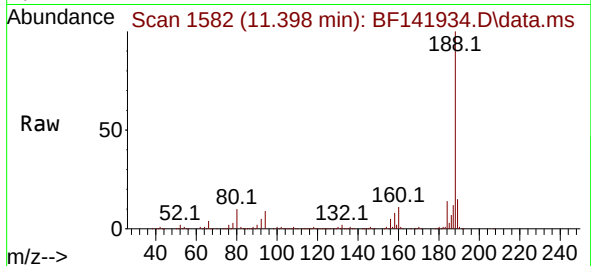




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

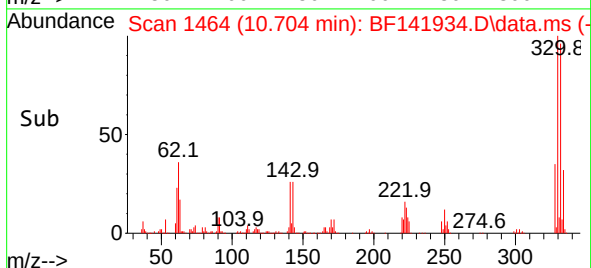
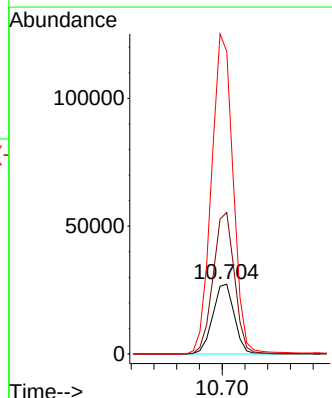
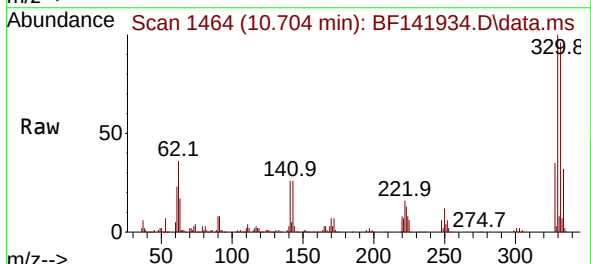
Instrument :
BNA_F
ClientSampleId :
PB167049TB

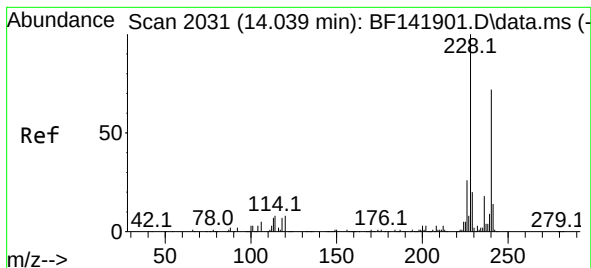
Tgt Ion:188 Resp: 544655
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.6 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.261 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

Tgt Ion:248 Resp: 35986
Ion Ratio Lower Upper
248 100
250 202.6 77.8 116.8#
141 433.3 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: BF141934.D

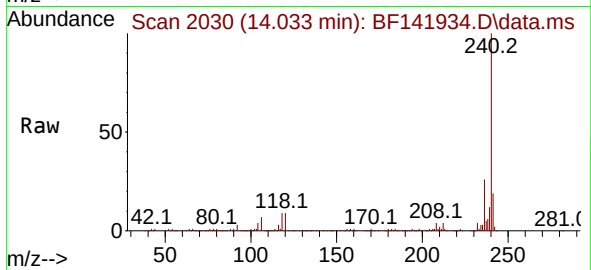
Acq: 12 Mar 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB167049TB



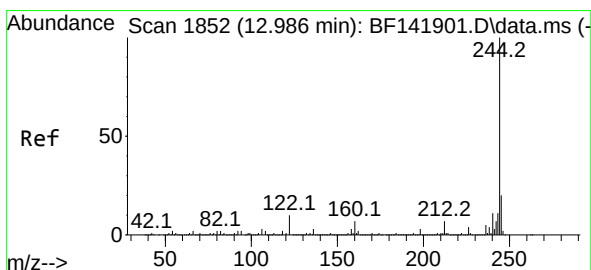
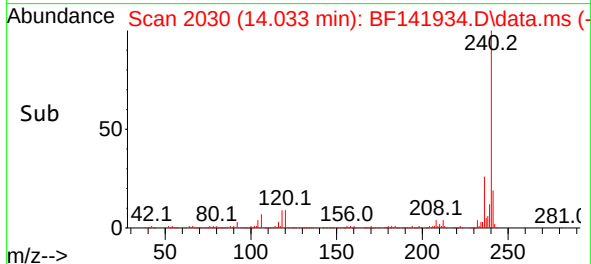
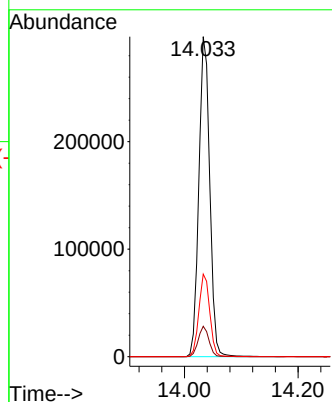
Tgt Ion:240 Resp: 397000

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

236 25.8 20.5 30.7



#79

Terphenyl-d14

Concen: 90.821 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141934.D

Acq: 12 Mar 2025 11:36

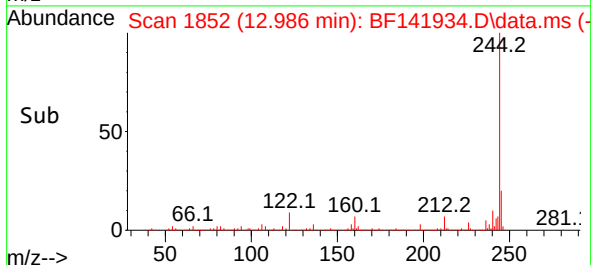
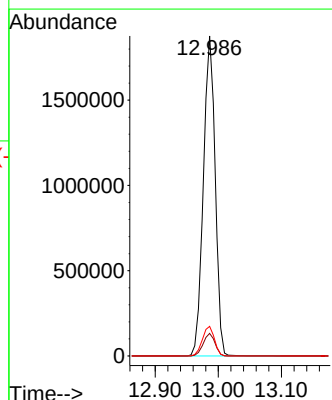
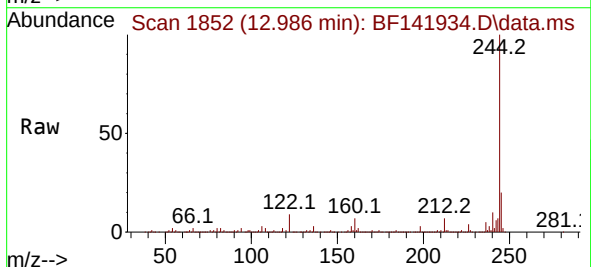
Tgt Ion:244 Resp: 2438762

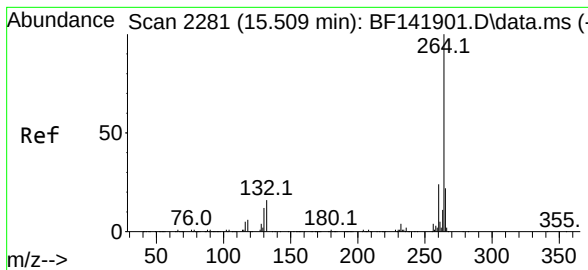
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

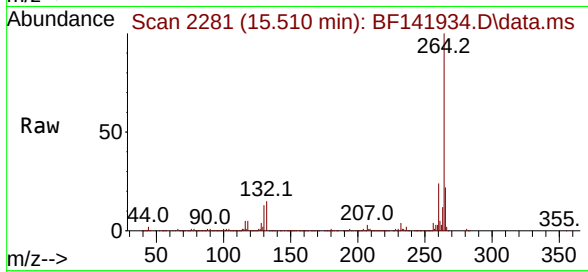
122 9.2 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF141934.D
 Acq: 12 Mar 2025 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB167049TB



Tgt Ion:264 Resp: 371048

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.6	17.5	26.3

