

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142046.D
 Acq On : 24 Mar 2025 10:47
 Operator : RC/JU
 Sample : PB167228BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 24 11:28:02 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)

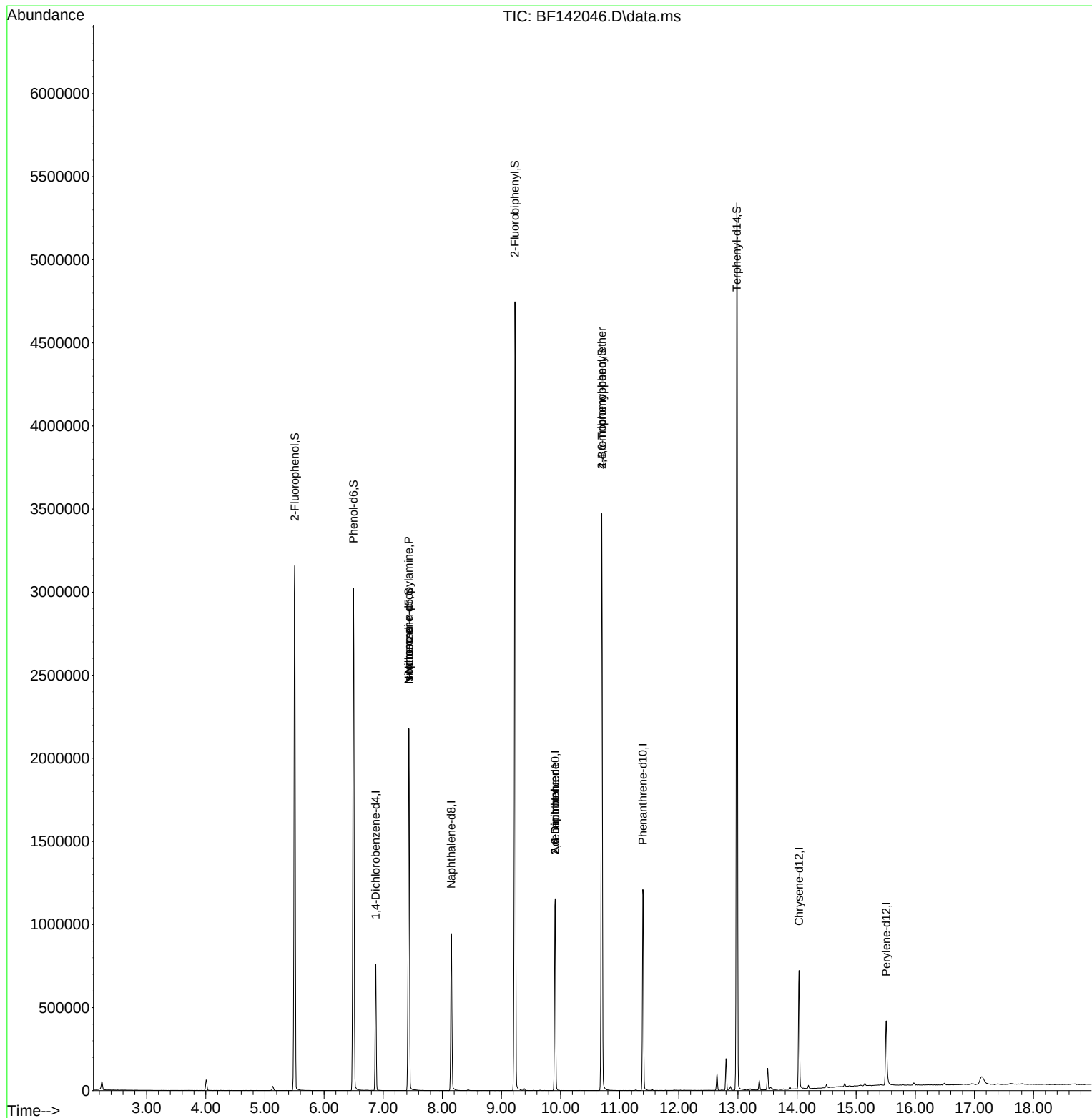
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	166410	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	653965	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	370641	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	667172	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	367647	20.000	ng	0.00
86) Perylene-d12	15.510	264	274069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1324023	132.789	ng	0.01
7) Phenol-d6	6.498	99	1604475	126.385	ng	0.00
23) Nitrobenzene-d5	7.434	82	1086319	93.481	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	694607	147.724	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2265399	92.954	ng	-0.01
79) Terphenyl-d14	12.980	244	2848172	114.536	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	150546	18.455	ng	# 78
25) Isophorone	7.434	82	1075085	52.337	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	47758	8.837	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	47758	6.766	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	43686	5.214	ng	# 1

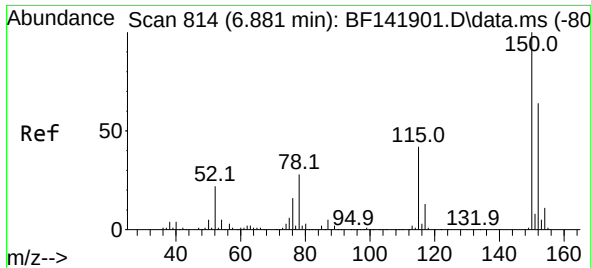
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142046.D
Acq On : 24 Mar 2025 10:47
Operator : RC/JU
Sample : PB167228BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

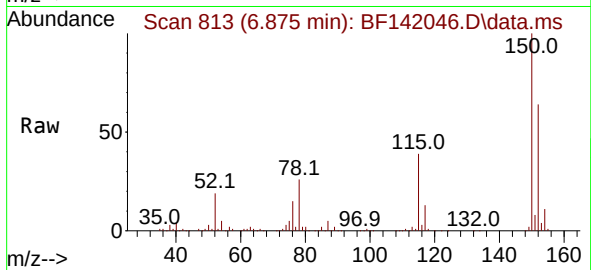
Quant Time: Mar 24 11:28:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



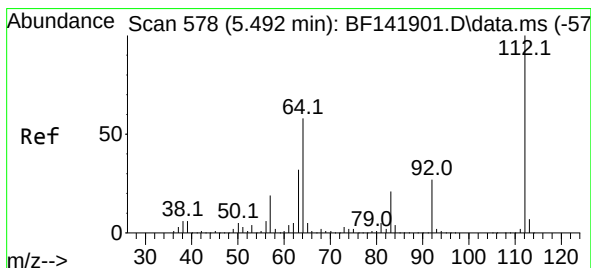
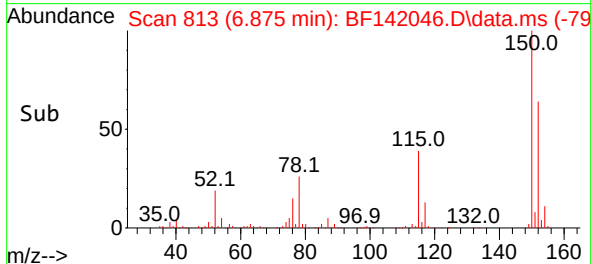
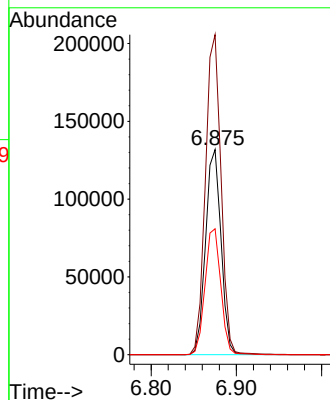


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142046.D
Acq: 24 Mar 2025 10:47

Instrument :
BNA_F
ClientSampleId :

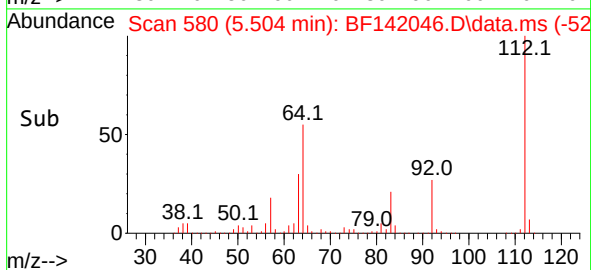
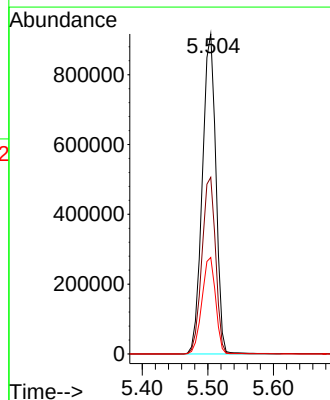
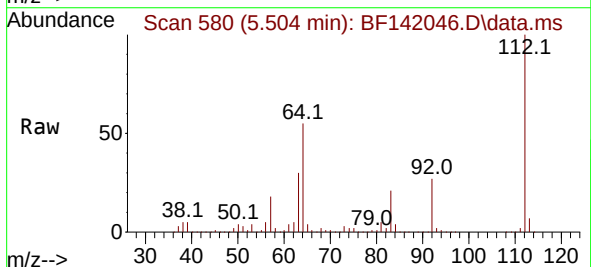


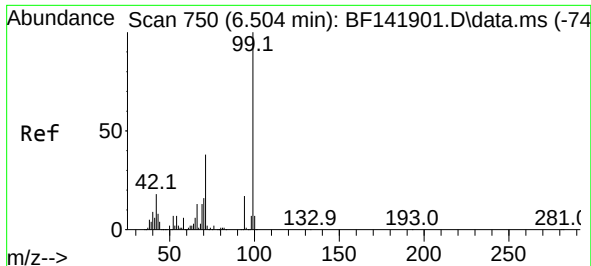
Tgt Ion:152 Resp: 166410
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.2
115 61.4 51.9 77.9



#5
2-Fluorophenol
Concen: 132.789 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142046.D
Acq: 24 Mar 2025 10:47

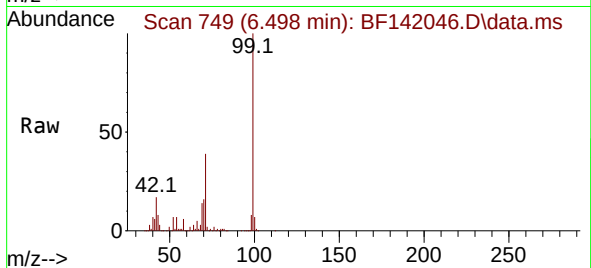
Tgt Ion:112 Resp: 1324023
Ion Ratio Lower Upper
112 100
64 55.2 46.5 69.7
63 30.1 25.4 38.2



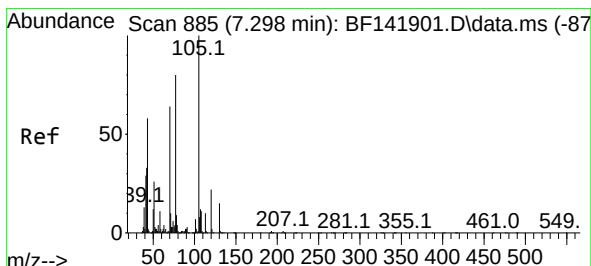
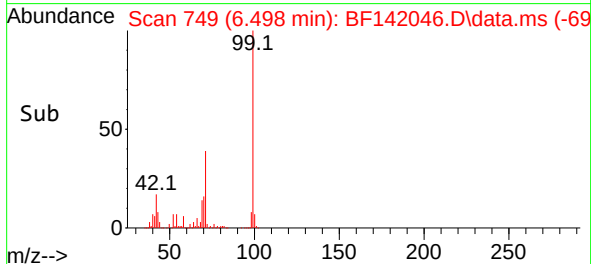
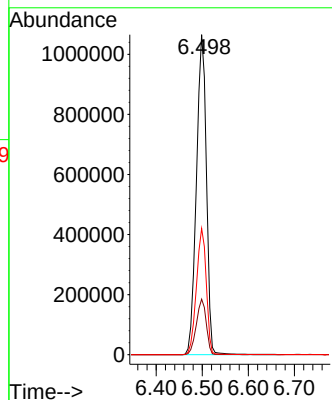


#7
Phenol-d6
Concen: 126.385 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142046.D
Acq: 24 Mar 2025 10:47

Instrument :
BNA_F
ClientSampleId :

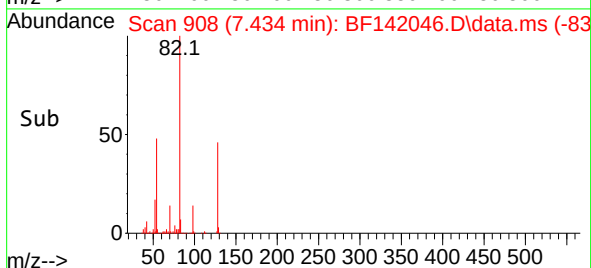
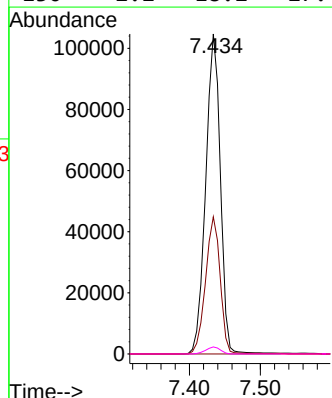
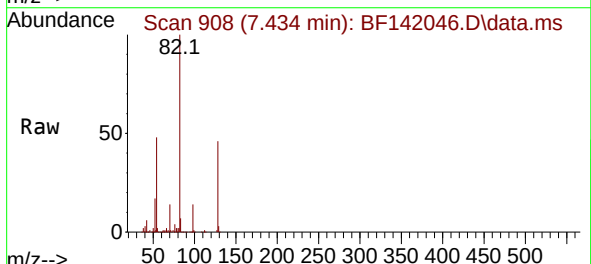


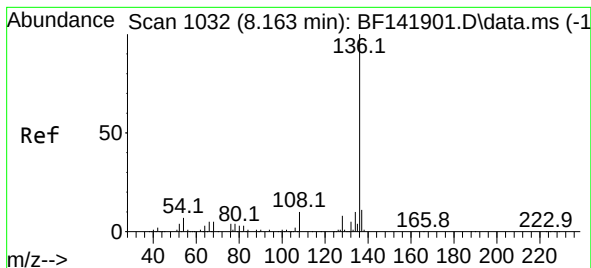
Tgt Ion: 99 Resp: 1604475
Ion Ratio Lower Upper
99 100
42 17.4 14.6 21.8
71 39.4 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.455 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF142046.D
Acq: 24 Mar 2025 10:47

Tgt Ion: 70 Resp: 150546
Ion Ratio Lower Upper
70 100
42 42.9 41.4 62.0
101 0.0 8.2 12.2#
130 2.2 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.012 min

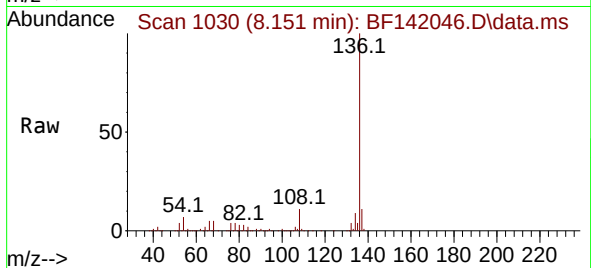
Lab File: BF142046.D

Acq: 24 Mar 2025 10:47

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 653965

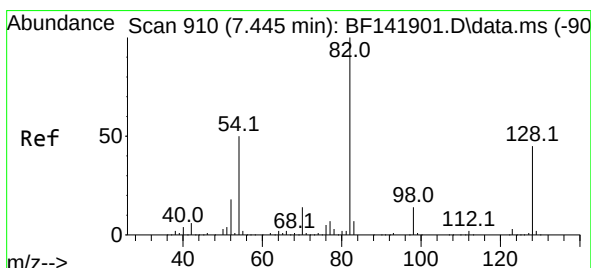
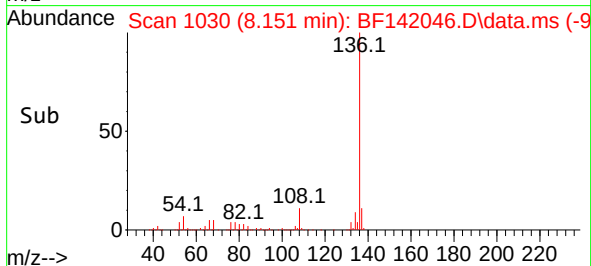
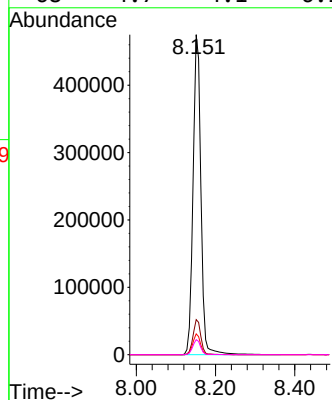
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.5 5.8 8.8

68 4.7 4.1 6.1



#23

Nitrobenzene-d5

Concen: 93.481 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF142046.D

Acq: 24 Mar 2025 10:47

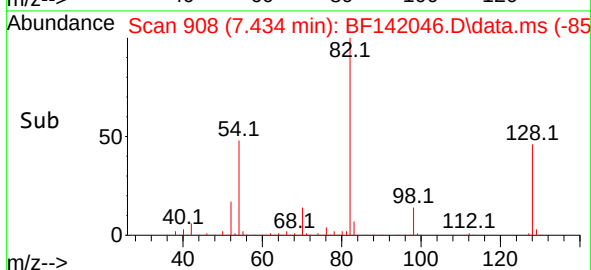
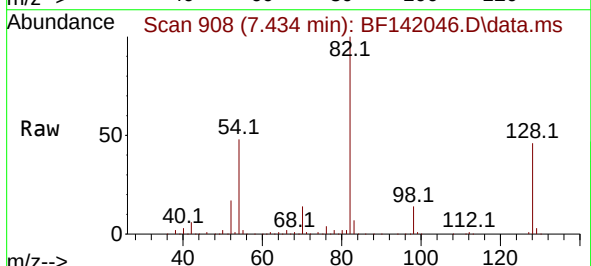
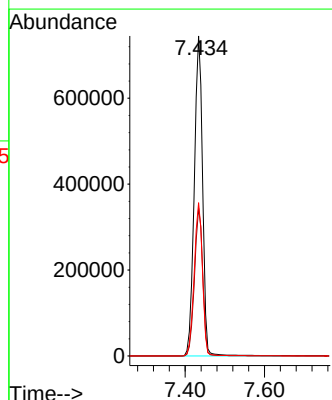
Tgt Ion: 82 Resp: 1086319

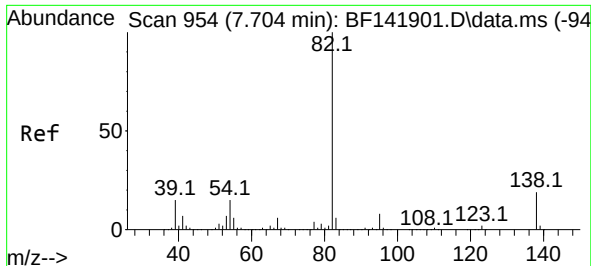
Ion Ratio Lower Upper

82 100

128 46.2 36.0 54.0

54 47.9 39.6 59.4

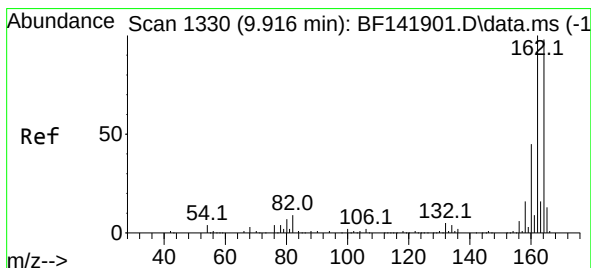
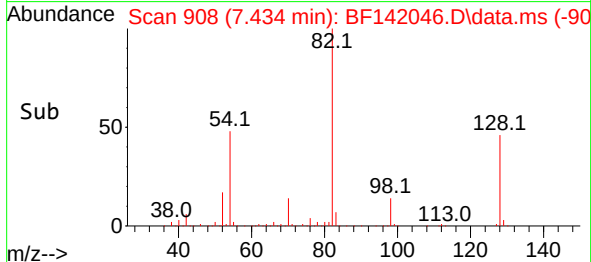
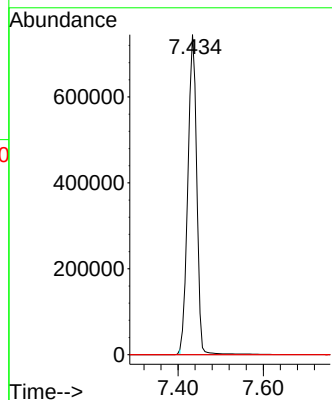
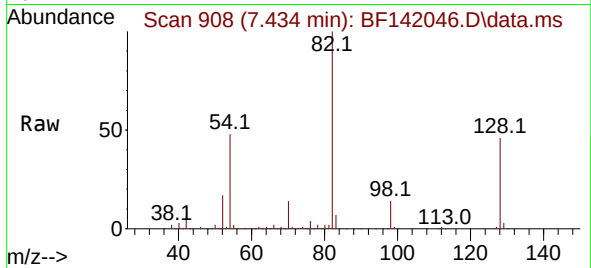




#25
Isophorone
Concen: 52.337 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF142046.D
Acq: 24 Mar 2025 10:47

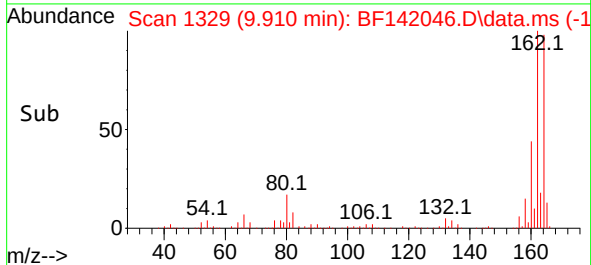
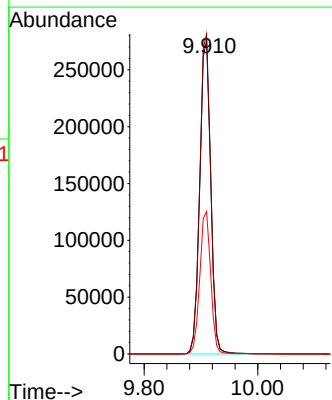
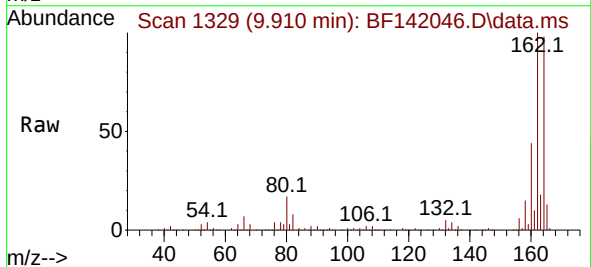
Instrument :
BNA_F
ClientSampleId :

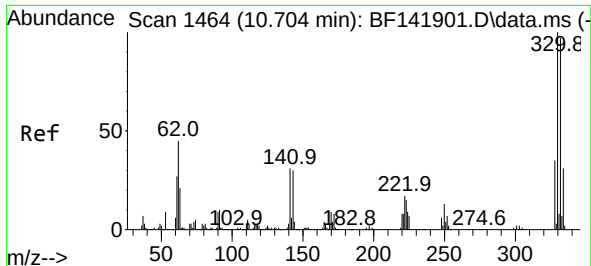
Tgt Ion: 82 Resp: 1075085
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142046.D
Acq: 24 Mar 2025 10:47

Tgt Ion:164 Resp: 370641
Ion Ratio Lower Upper
164 100
162 102.1 81.8 122.6
160 45.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 147.724 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

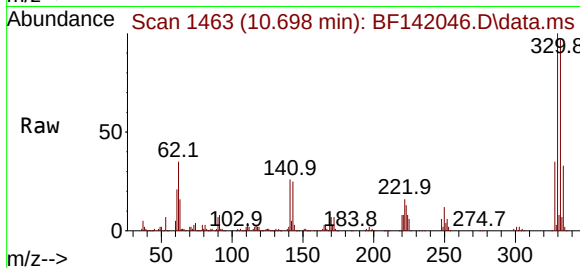
Lab File: BF142046.D

Acq: 24 Mar 2025 10:47

Instrument :

BNA_F

ClientSampleId :



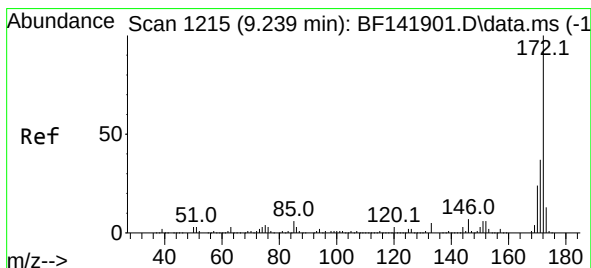
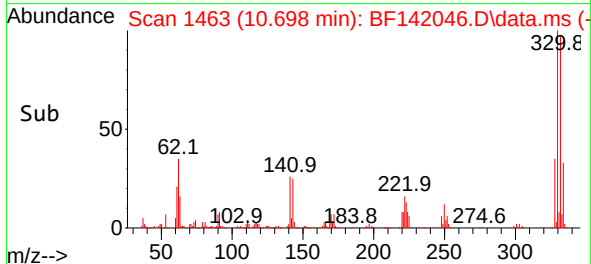
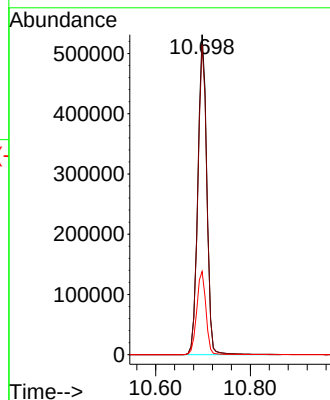
Tgt Ion:330 Resp: 694607

Ion Ratio Lower Upper

330 100

332 97.3 77.6 116.4

141 26.8 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 92.954 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142046.D

Acq: 24 Mar 2025 10:47

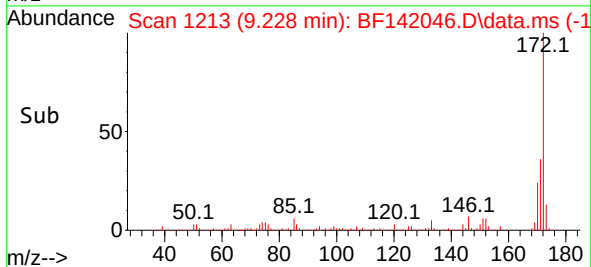
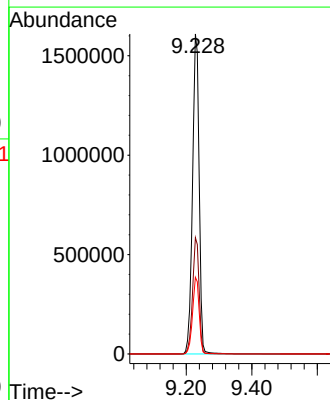
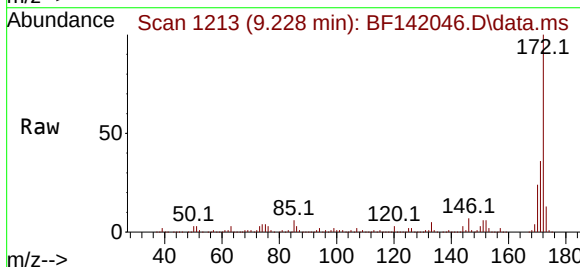
Tgt Ion:172 Resp: 2265399

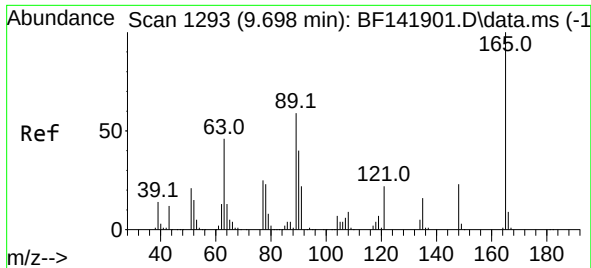
Ion Ratio Lower Upper

172 100

171 36.4 29.3 43.9

170 23.9 19.4 29.0

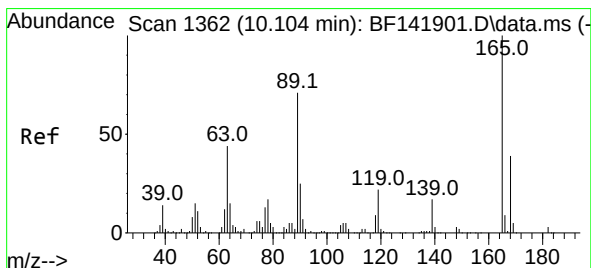
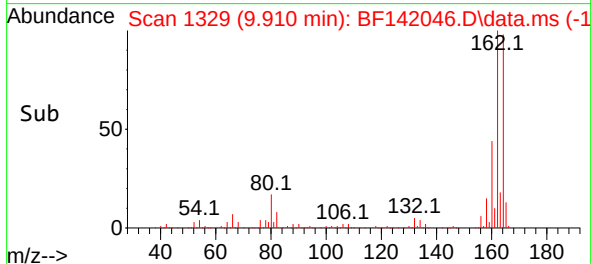
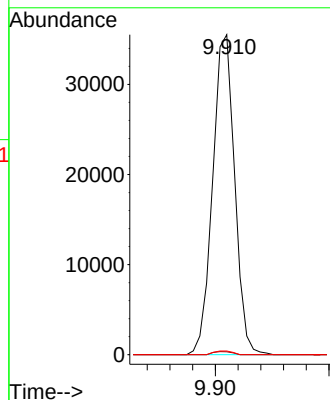
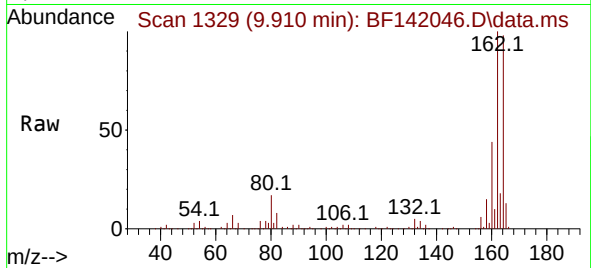




#51
2,6-Dinitrotoluene
Concen: 8.837 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142046.D
Acq: 24 Mar 2025 10:47

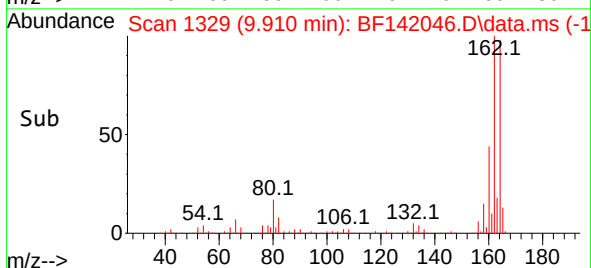
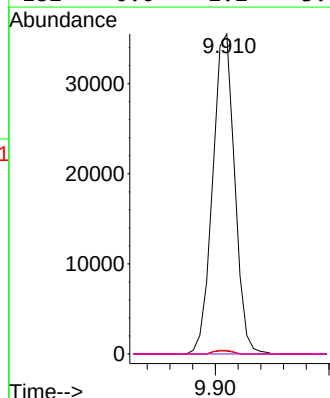
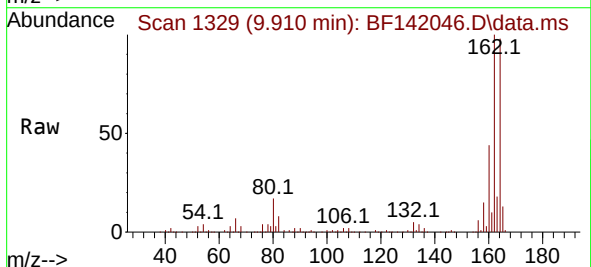
Instrument :
BNA_F
ClientSampleId :

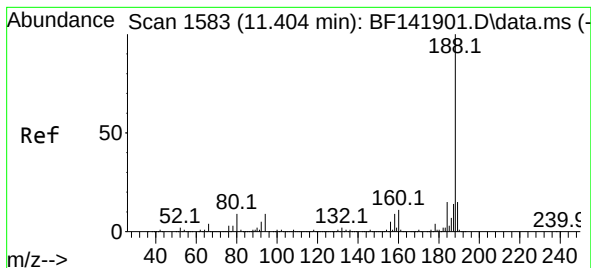
Tgt Ion:165 Resp: 47758
Ion Ratio Lower Upper
165 100
63 0.9 47.0 70.4#
89 1.2 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.766 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF142046.D
Acq: 24 Mar 2025 10:47

Tgt Ion:165 Resp: 47758
Ion Ratio Lower Upper
165 100
63 0.9 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: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142046.D

Acq: 24 Mar 2025 10:47

Instrument :

BNA_F

ClientSampleId :

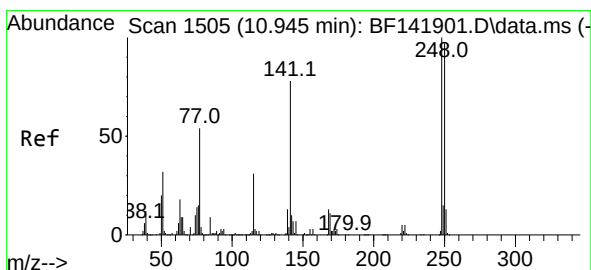
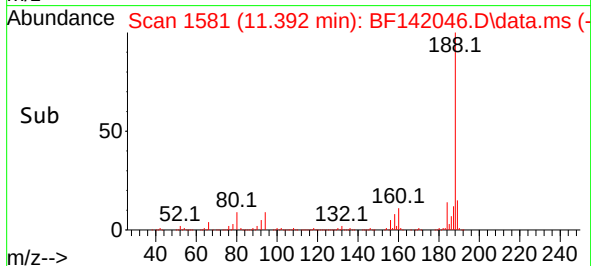
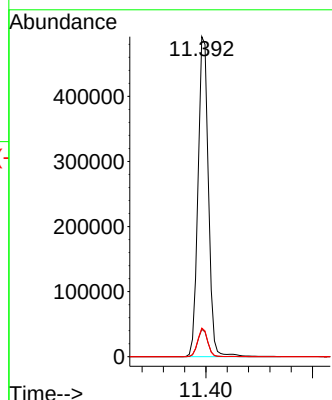
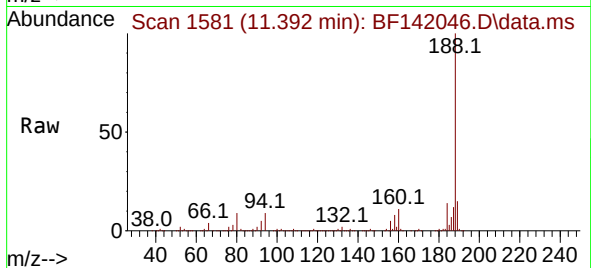
Tgt Ion:188 Resp: 667172

Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

80 8.9 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 5.214 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF142046.D

Acq: 24 Mar 2025 10:47

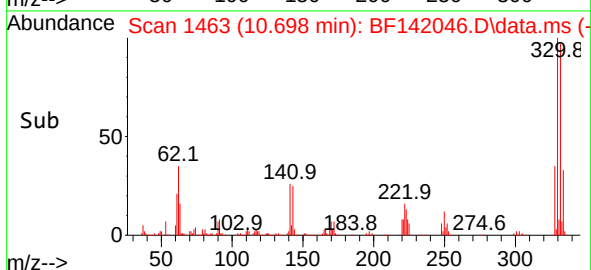
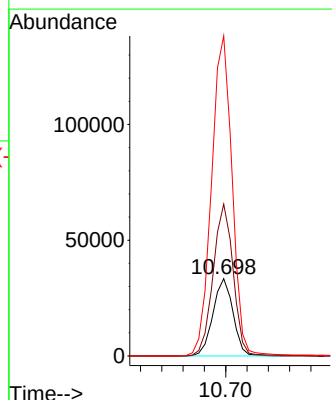
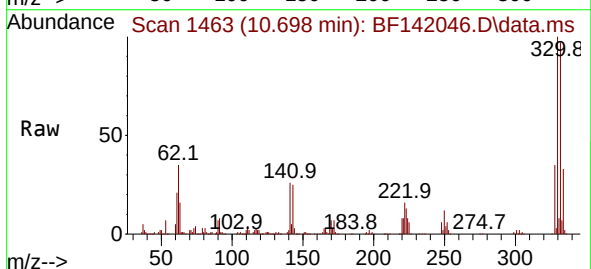
Tgt Ion:248 Resp: 43686

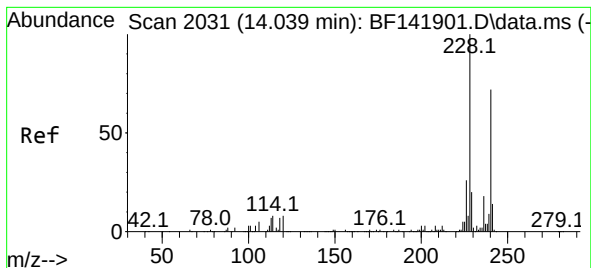
Ion Ratio Lower Upper

248 100

250 196.6 77.8 116.8#

141 414.4 62.6 93.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

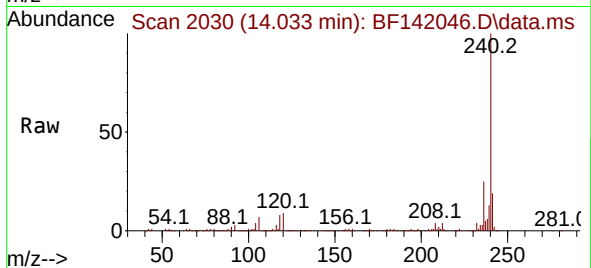
Lab File: BF142046.D

Acq: 24 Mar 2025 10:47

Instrument :

BNA_F

ClientSampleId :



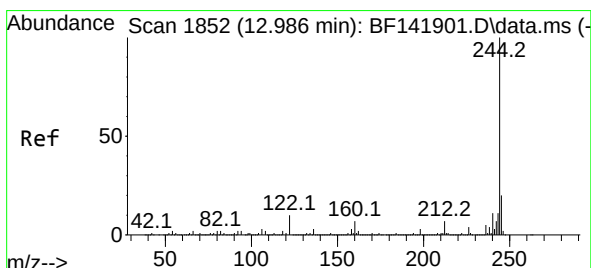
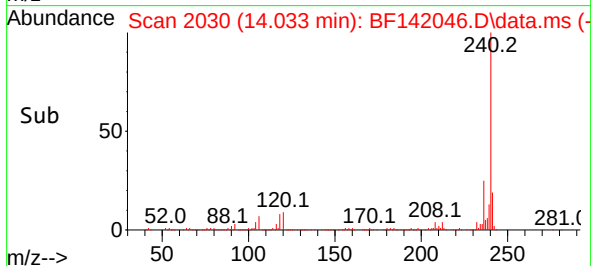
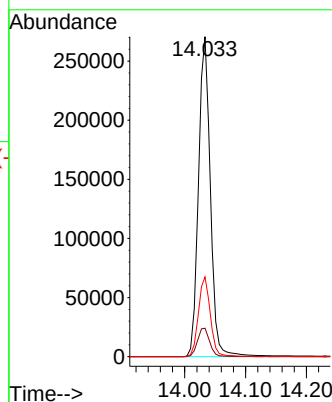
Tgt Ion:240 Resp: 367647

Ion Ratio Lower Upper

240 100

120 8.9 8.4 12.6

236 24.9 20.5 30.7



#79

Terphenyl-d14

Concen: 114.536 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142046.D

Acq: 24 Mar 2025 10:47

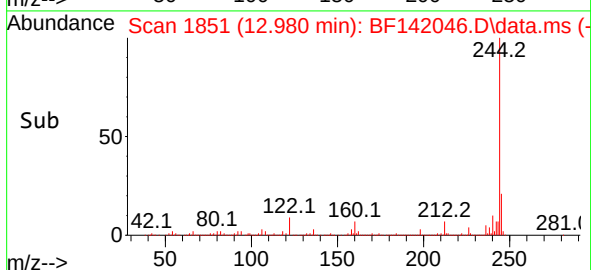
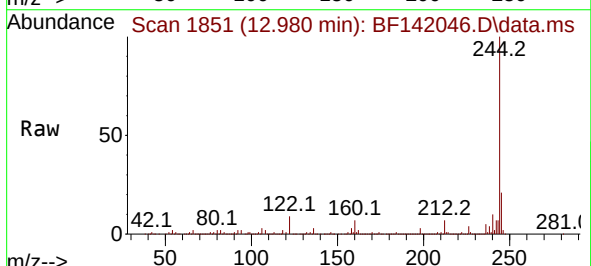
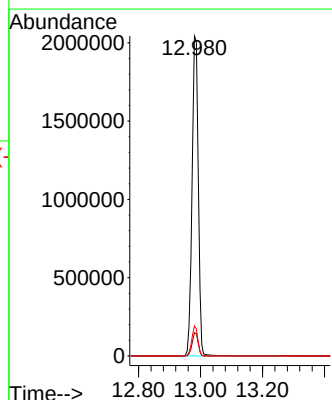
Tgt Ion:244 Resp: 2848172

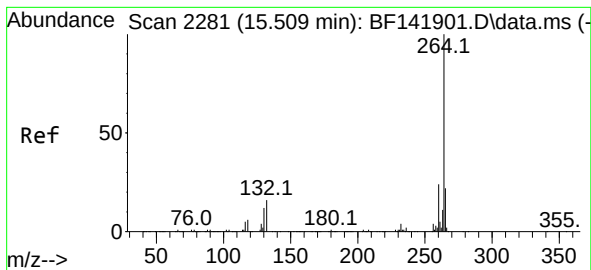
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 9.4 7.7 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. 0.000 min

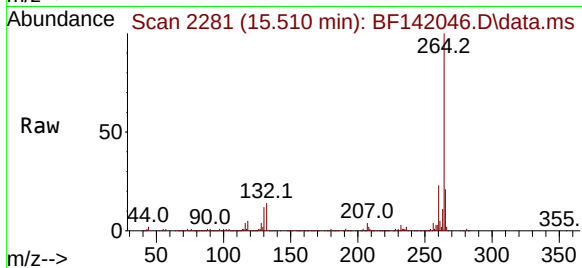
Lab File: BF142046.D

Acq: 24 Mar 2025 10:47

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 274069

Ion Ratio Lower Upper

264 100

260 22.8 19.1 28.7

265 20.9 17.5 26.3

