

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142058.D
 Acq On : 24 Mar 2025 16:54
 Operator : RC/JU
 Sample : Q1606-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 24 17:51:50 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)

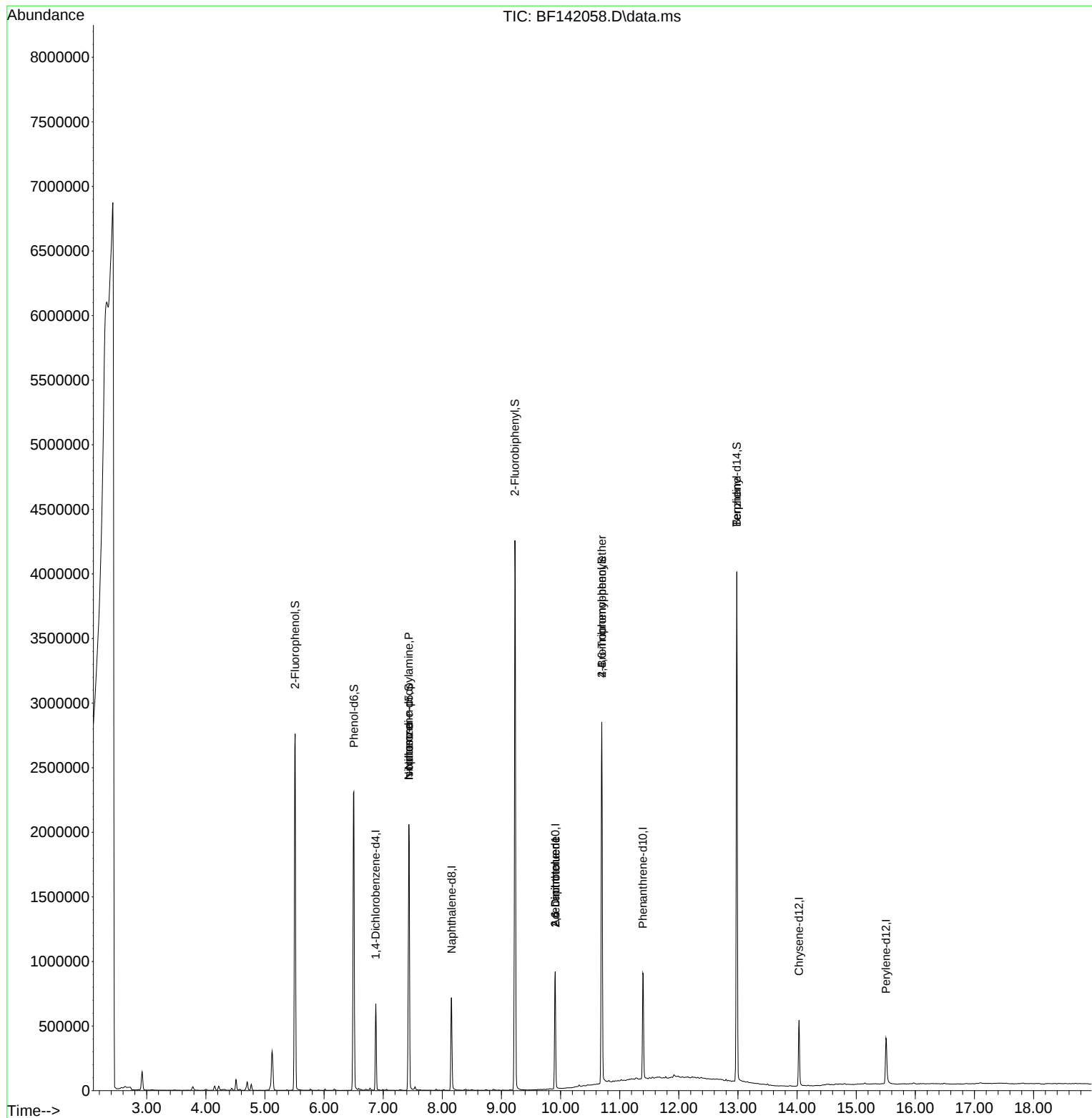
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	138655	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	507355	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	283370	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	454792	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	269909	20.000	ng	0.00
86) Perylene-d12	15.504	264	244779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1149052	138.309	ng	0.02
7) Phenol-d6	6.504	99	1216822	115.036	ng	0.00
23) Nitrobenzene-d5	7.434	82	974679	108.112	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	548700	152.632	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1941600	104.203	ng	-0.01
79) Terphenyl-d14	12.980	244	1996291	109.349	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	136631	20.102	ng	Qvalue 77
25) Isophorone	7.434	82	955293	59.944	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	36636	8.867	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	36825	6.824	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	34166	5.982	ng	# 1
77) Benzidine	12.980	184	26426	7.017	ng	# 91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142058.D
Acq On : 24 Mar 2025 16:54
Operator : RC/JU
Sample : Q1606-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

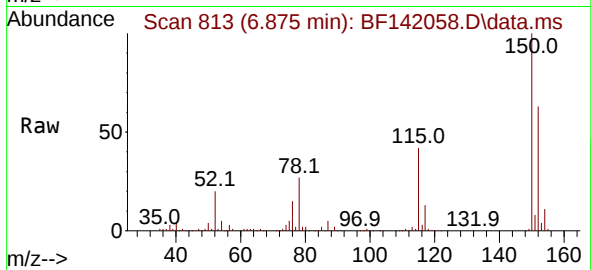
Quant Time: Mar 24 17:51:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



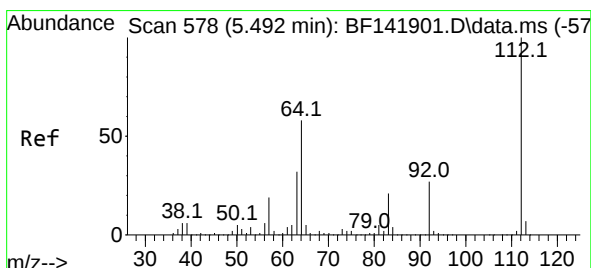
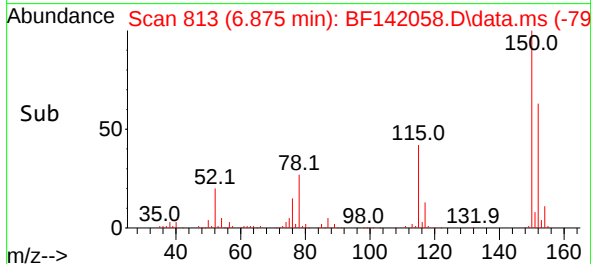
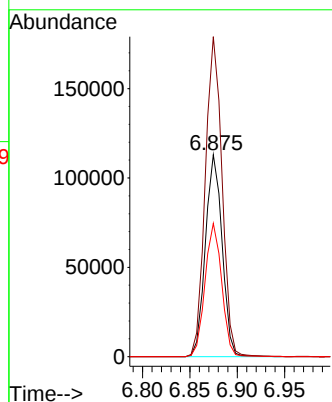


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142058.D
Acq: 24 Mar 2025 16:54

Instrument :
BNA_F
ClientSampleId :

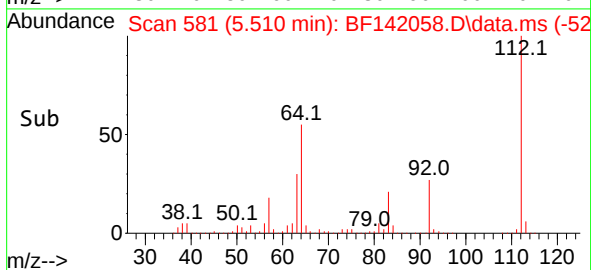
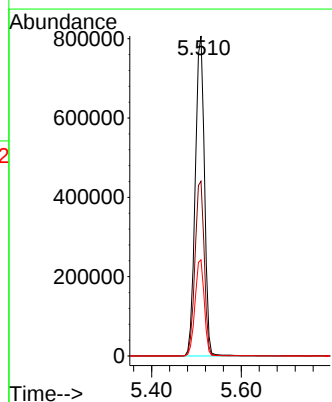
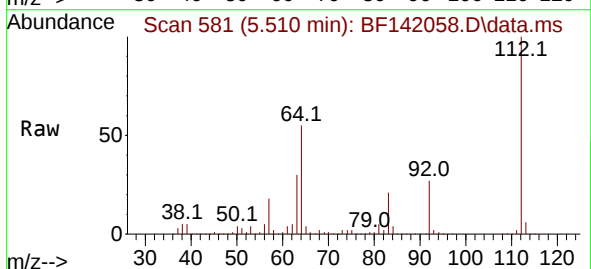


Tgt Ion:152 Resp: 138655
Ion Ratio Lower Upper
152 100
150 158.5 127.4 191.2
115 66.0 51.9 77.9



#5
2-Fluorophenol
Concen: 138.309 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF142058.D
Acq: 24 Mar 2025 16:54

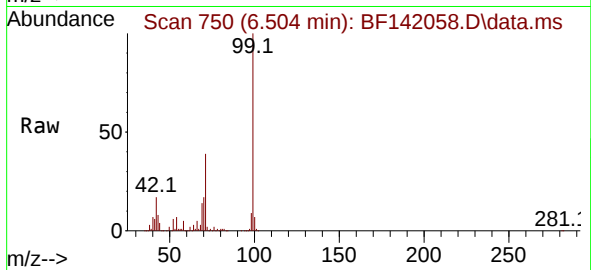
Tgt Ion:112 Resp: 1149052
Ion Ratio Lower Upper
112 100
64 54.6 46.5 69.7
63 30.0 25.4 38.2





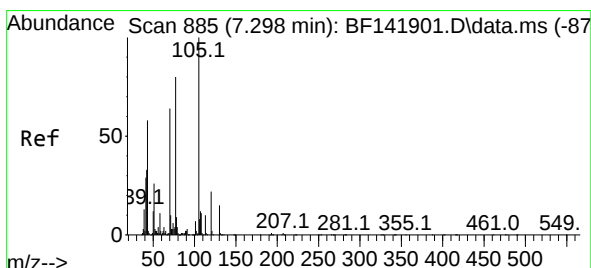
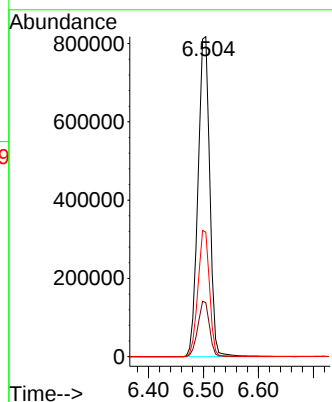
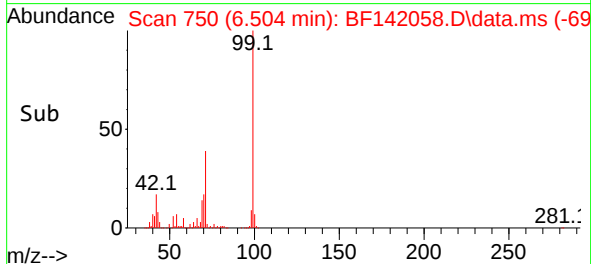
#7
Phenol-d6
Concen: 115.036 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142058.D
Acq: 24 Mar 2025 16:54

Instrument :
BNA_F
ClientSampleId :

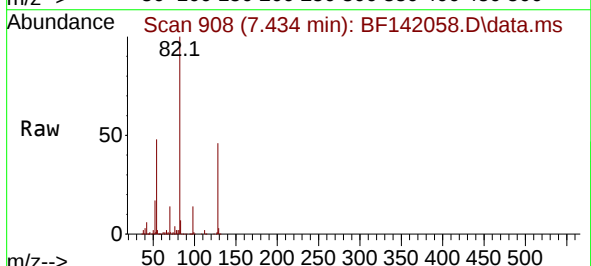


Tgt Ion: 99 Resp: 1216822

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.6	21.8
71	38.9	30.8	46.2

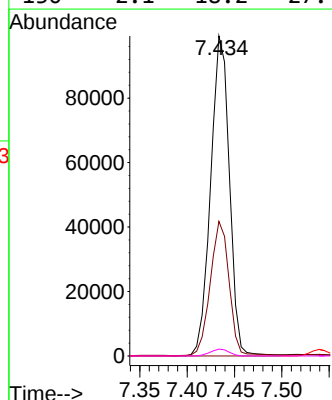
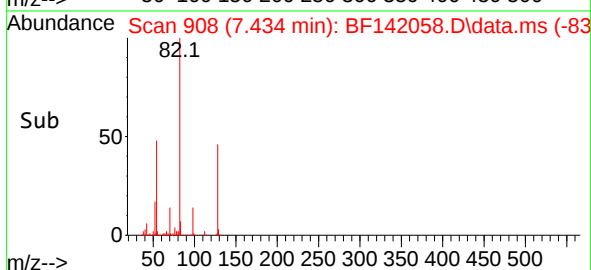


#19
n-Nitroso-di-n-propylamine
Concen: 20.102 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF142058.D
Acq: 24 Mar 2025 16:54



Tgt Ion: 70 Resp: 136631

Ion	Ratio	Lower	Upper
70	100		
42	42.1	41.4	62.0
101	0.0	8.2	12.2#
130	2.1	18.2	27.4#

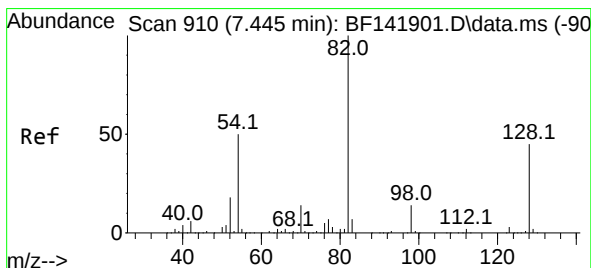
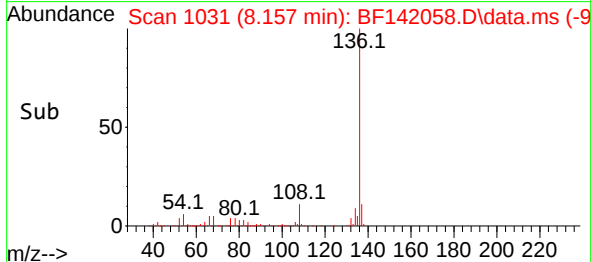
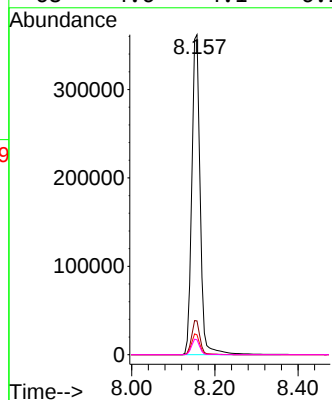
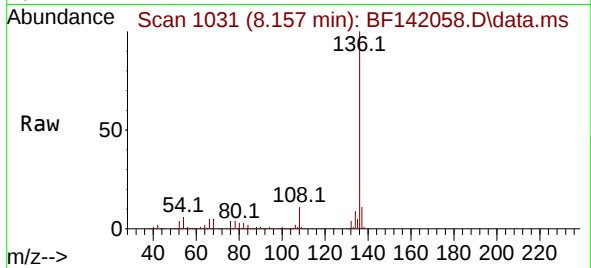




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142058.D
Acq: 24 Mar 2025 16:54

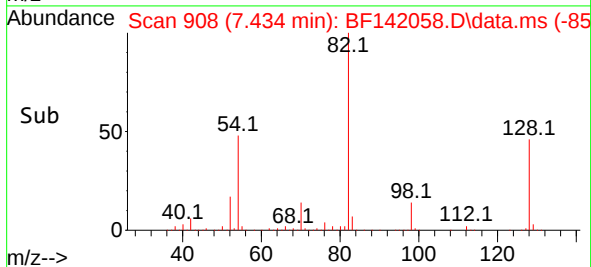
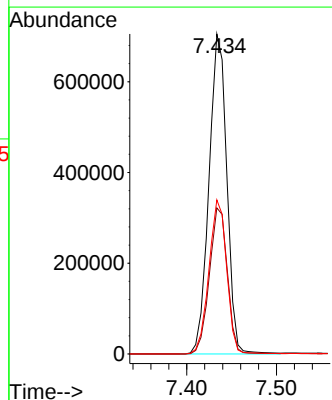
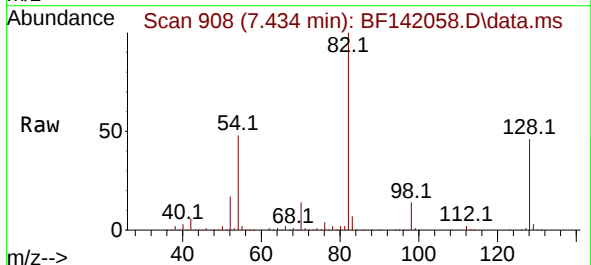
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 507355
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 6.2 5.8 8.8
68 4.6 4.1 6.1



#23
Nitrobenzene-d5
Concen: 108.112 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142058.D
Acq: 24 Mar 2025 16:54

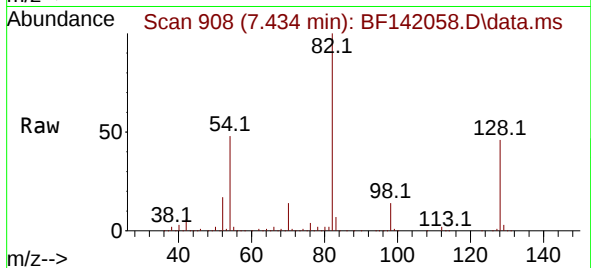
Tgt Ion: 82 Resp: 974679
Ion Ratio Lower Upper
82 100
128 45.7 36.0 54.0
54 48.2 39.6 59.4



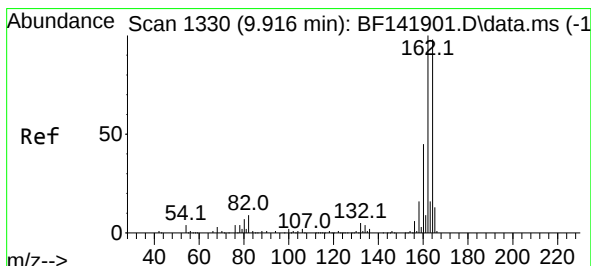
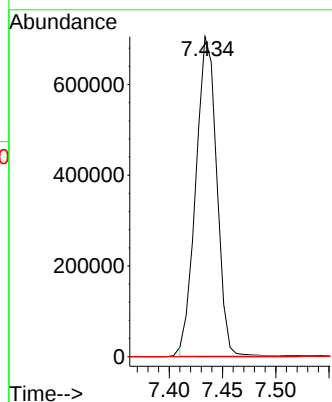
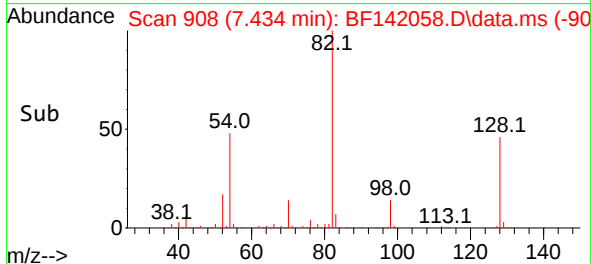


#25
Isophorone
Concen: 59.944 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF142058.D
Acq: 24 Mar 2025 16:54

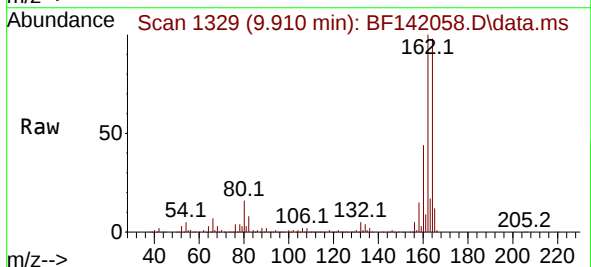
Instrument :
BNA_F
ClientSampleId :



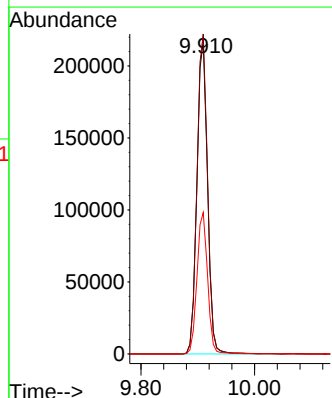
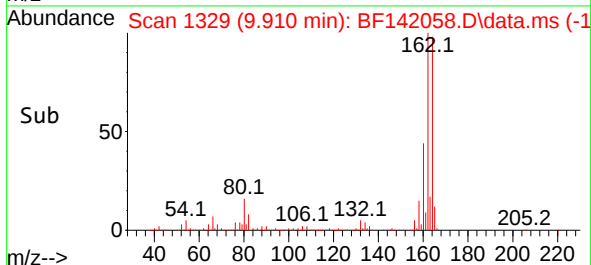
Tgt Ion: 82 Resp: 955293
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#

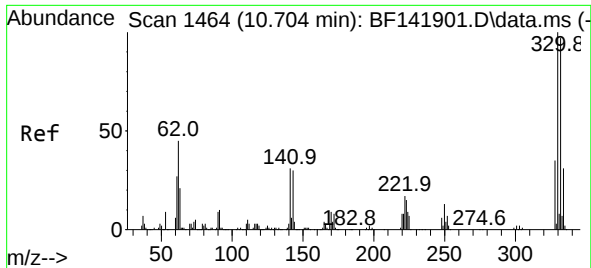


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142058.D
Acq: 24 Mar 2025 16:54



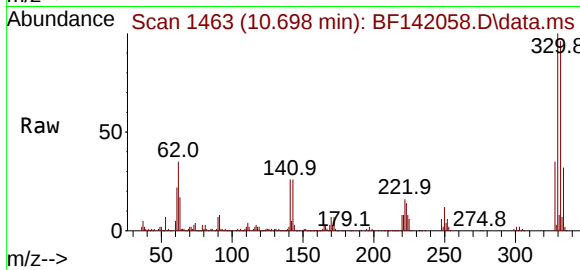
Tgt Ion: 164 Resp: 283370
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.6
160 45.3 36.7 55.1



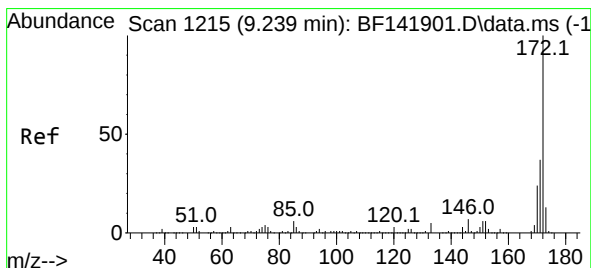
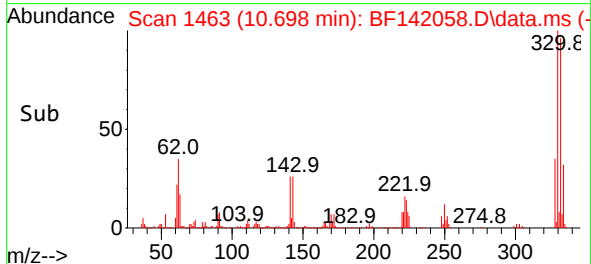
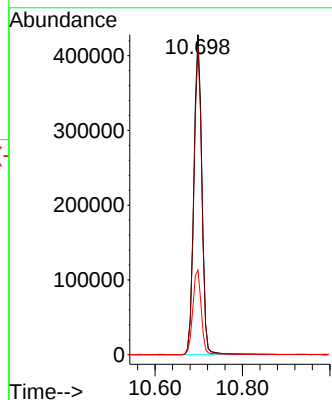


#42
 2,4,6-Tribromophenol
 Concen: 152.632 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF142058.D
 Acq: 24 Mar 2025 16:54

Instrument :
 BNA_F
 ClientSampleId :

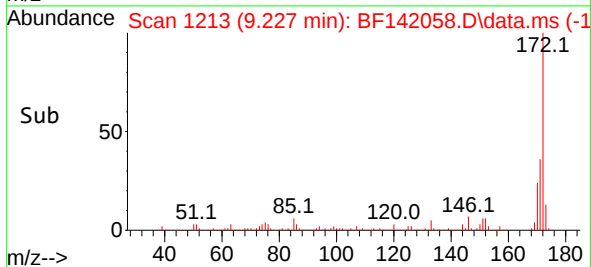
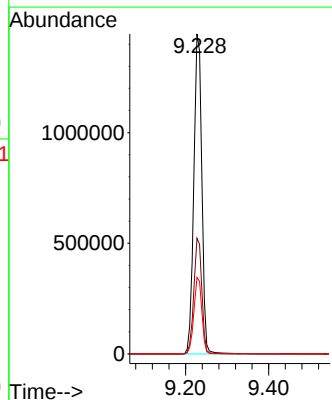
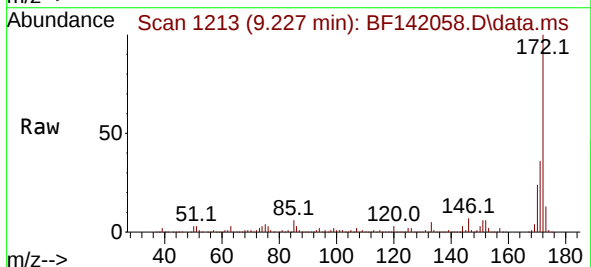


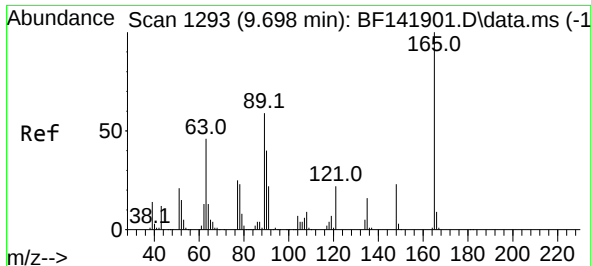
Tgt Ion:330 Resp: 548700
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.6 116.4
 141 27.7 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 104.203 ng
 RT: 9.227 min Scan# 1213
 Delta R.T. -0.012 min
 Lab File: BF142058.D
 Acq: 24 Mar 2025 16:54

Tgt Ion:172 Resp: 1941600
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.3 43.9
 170 23.9 19.4 29.0

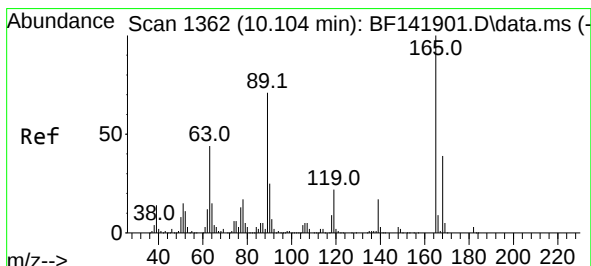
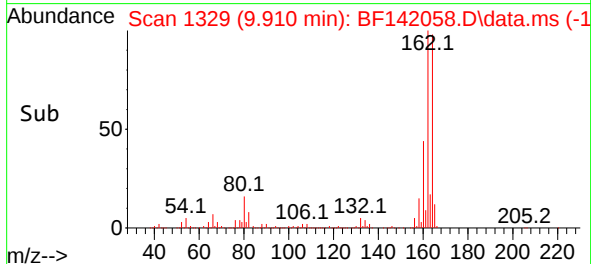
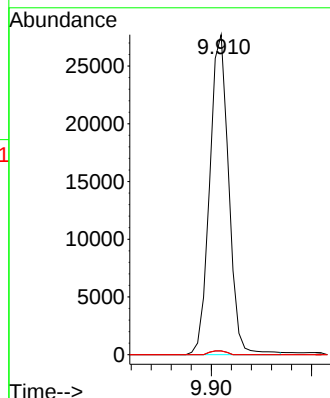
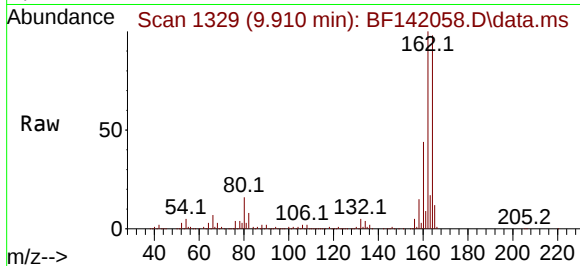




#51
2,6-Dinitrotoluene
Concen: 8.867 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142058.D
Acq: 24 Mar 2025 16:54

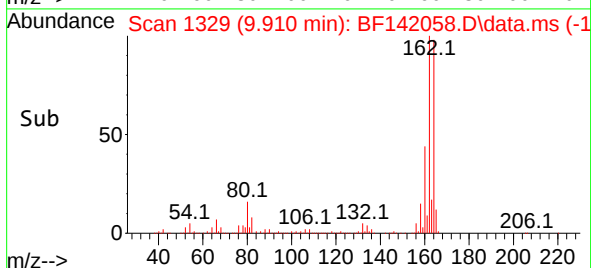
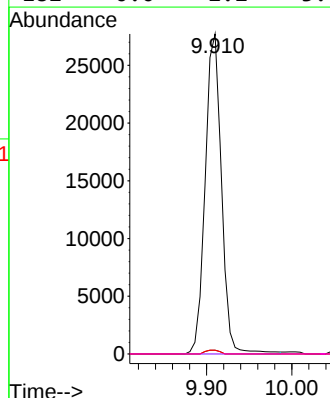
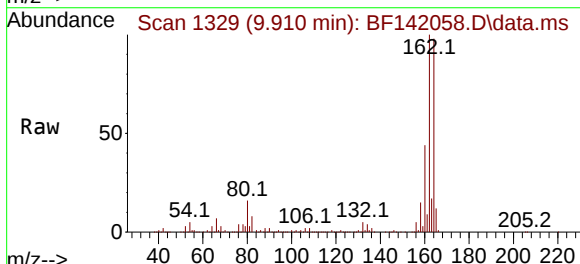
Instrument :
BNA_F
ClientSampleId :

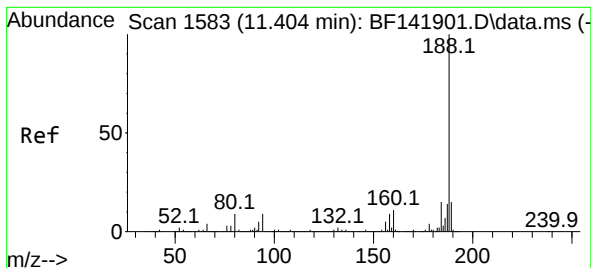
Tgt Ion:165 Resp: 36636
Ion Ratio Lower Upper
165 100
63 1.2 47.0 70.4#
89 1.2 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.824 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF142058.D
Acq: 24 Mar 2025 16:54

Tgt Ion:165 Resp: 36825
Ion Ratio Lower Upper
165 100
63 1.2 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: BF142058.D

Acq: 24 Mar 2025 16:54

Instrument :

BNA_F

ClientSampleId :

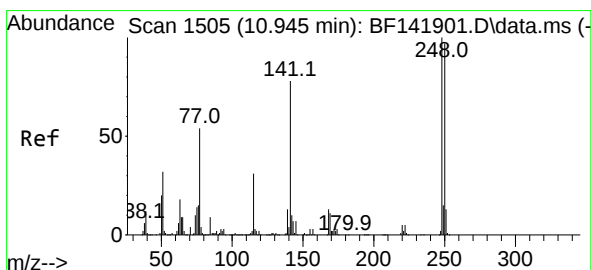
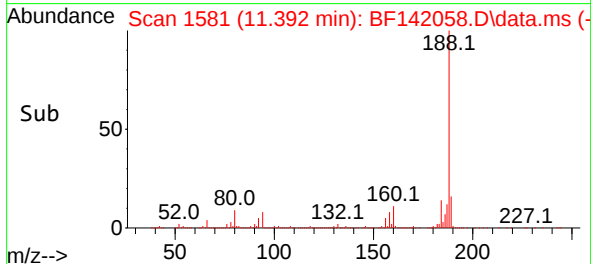
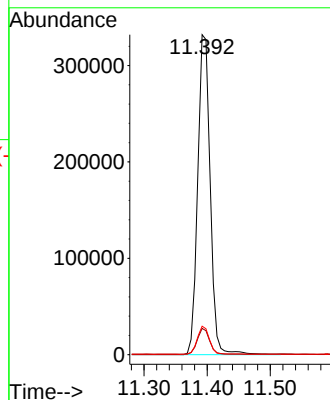
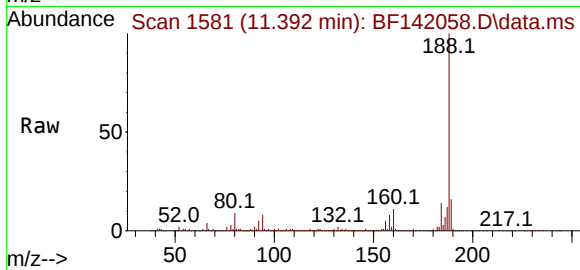
Tgt Ion:188 Resp: 454792

Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

80 8.9 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 5.982 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF142058.D

Acq: 24 Mar 2025 16:54

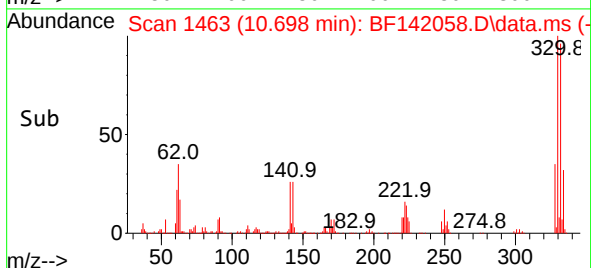
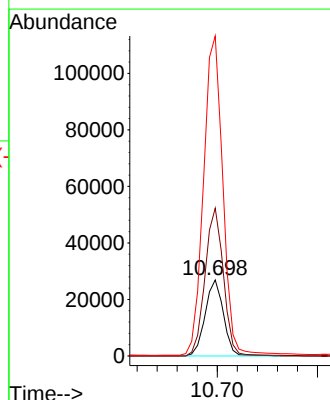
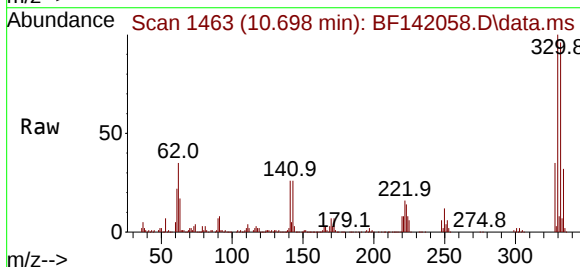
Tgt Ion:248 Resp: 34166

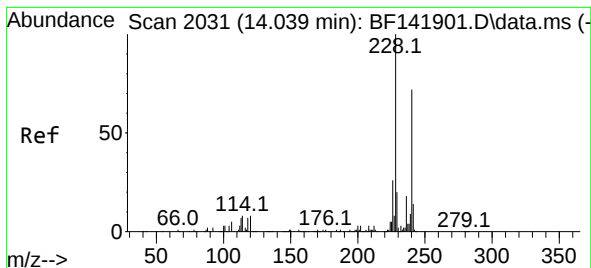
Ion Ratio Lower Upper

248 100

250 194.5 77.8 116.8#

141 421.0 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: BF142058.D

Acq: 24 Mar 2025 16:54

Instrument :

BNA_F

ClientSampleId :

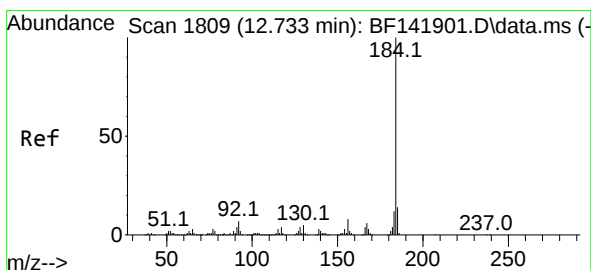
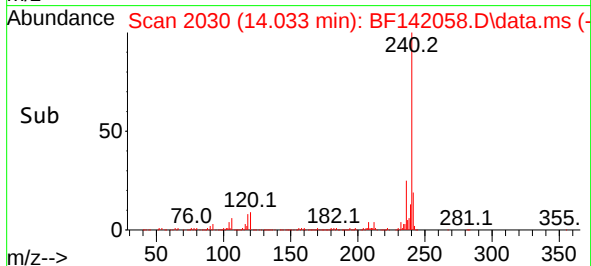
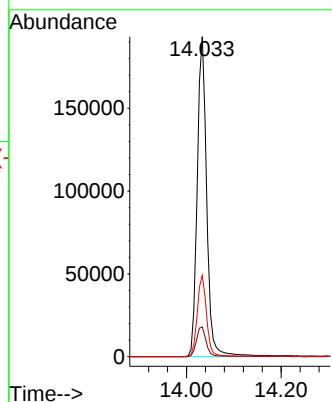
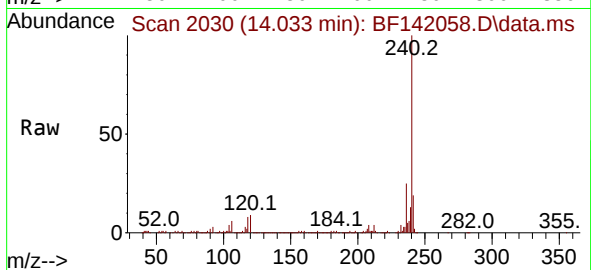
Tgt Ion:240 Resp: 269909

Ion Ratio Lower Upper

240 100

120 9.3 8.4 12.6

236 25.5 20.5 30.7



#77

Benidine

Concen: 7.017 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.247 min

Lab File: BF142058.D

Acq: 24 Mar 2025 16:54

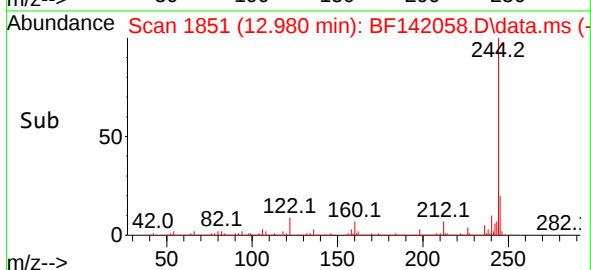
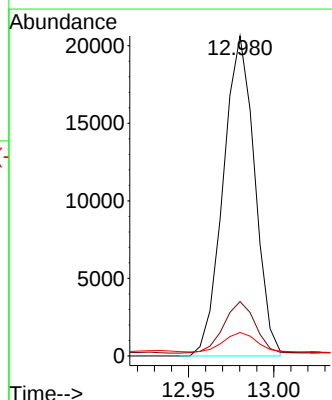
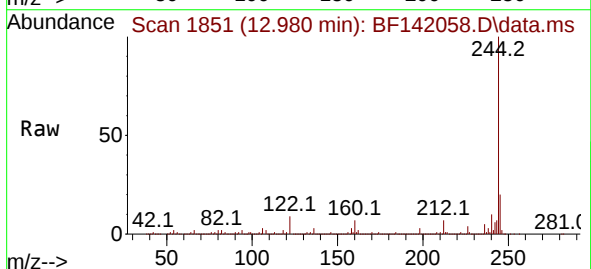
Tgt Ion:184 Resp: 26426

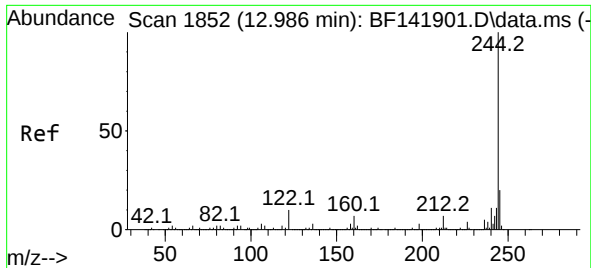
Ion Ratio Lower Upper

184 100

185 17.0 11.5 17.3

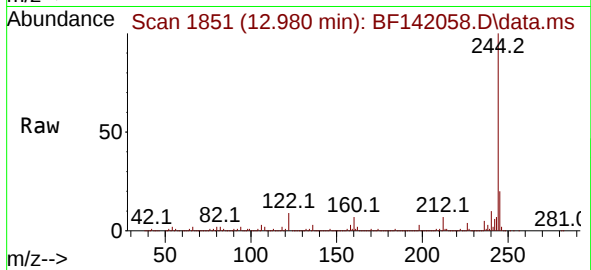
183 7.3 9.7 14.5#



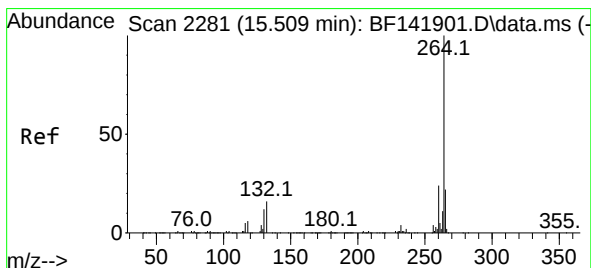
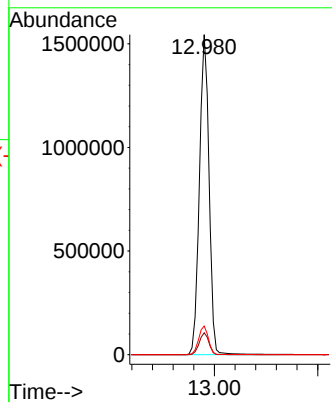
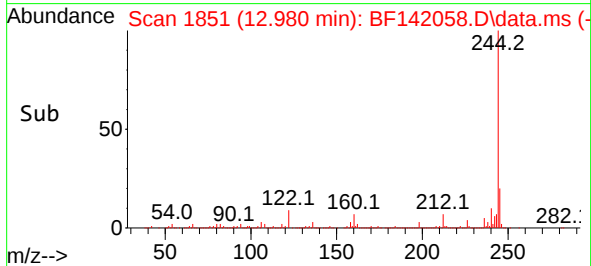


#79
 Terphenyl-d14
 Concen: 109.349 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142058.D
 Acq: 24 Mar 2025 16:54

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1996291
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.0 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BF142058.D
 Acq: 24 Mar 2025 16:54

Tgt Ion:264 Resp: 244779
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.5 17.5 26.3

