

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142057.D
 Acq On : 24 Mar 2025 16:24
 Operator : RC/JU
 Sample : Q1606-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 24 17:13:38 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)

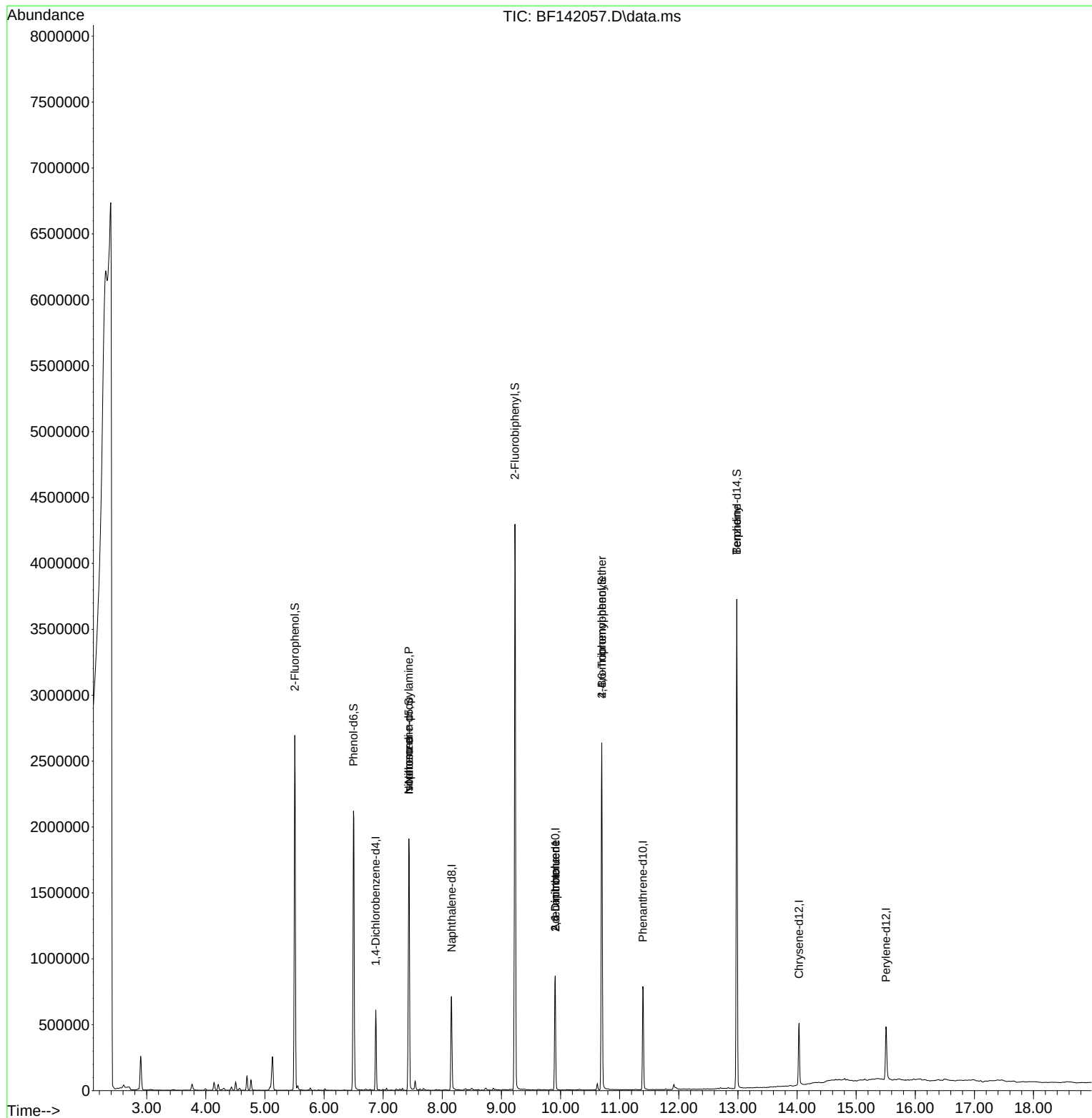
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	125920	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	495487	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	269879	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	428465	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	247462	20.000	ng	0.00
86) Perylene-d12	15.504	264	271187	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1061999	140.759	ng	0.01
7) Phenol-d6	6.498	99	1079557	112.381	ng	0.00
23) Nitrobenzene-d5	7.434	82	901304	102.367	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	507014	148.086	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1960471	110.476	ng	-0.01
79) Terphenyl-d14	12.980	244	1872889	111.895	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	124447	20.161	ng	# 78
25) Isophorone	7.434	82	888882	57.113	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	34932	8.877	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	34994	6.809	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	30830	5.729	ng	# 1
77) Benzidine	12.980	184	24039	6.963	ng	# 92

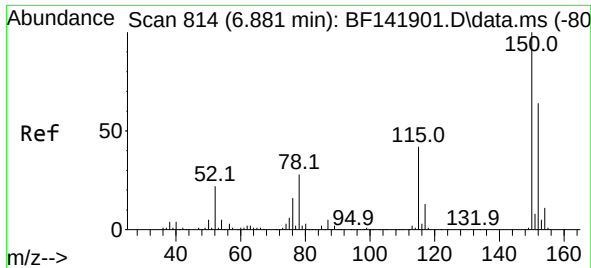
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142057.D
Acq On : 24 Mar 2025 16:24
Operator : RC/JU
Sample : Q1606-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

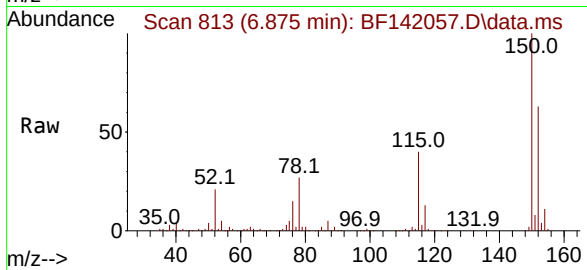
Quant Time: Mar 24 17:13:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



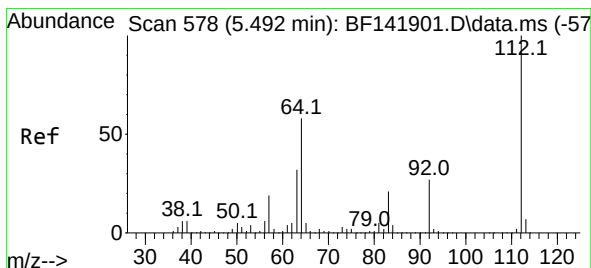
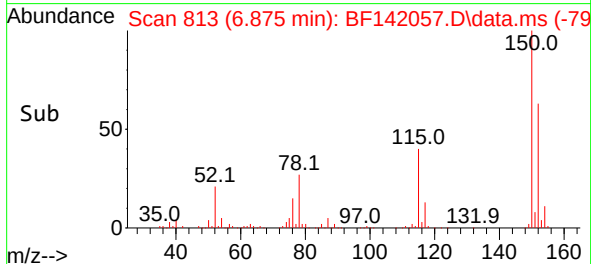
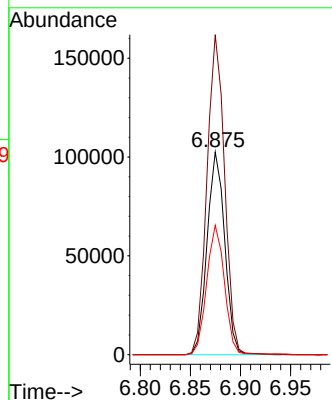


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142057.D
Acq: 24 Mar 2025 16:24

Instrument :
BNA_F
ClientSampleId :

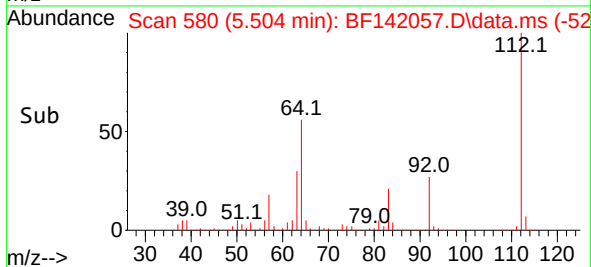
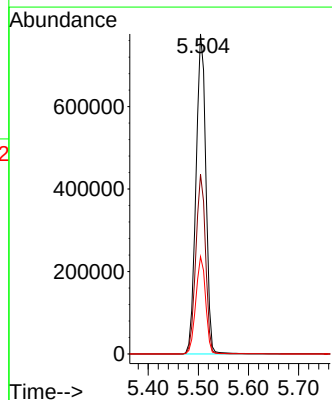
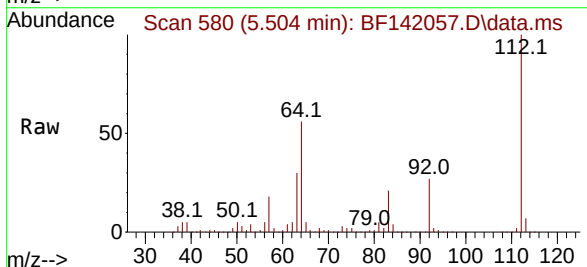


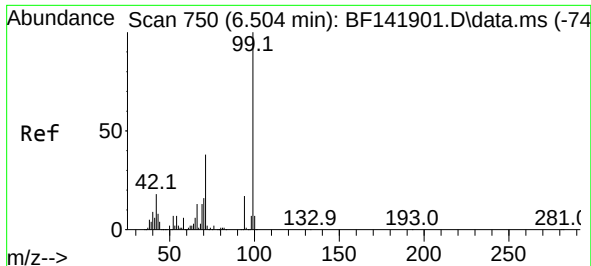
Tgt Ion:152 Resp: 125920
Ion Ratio Lower Upper
152 100
150 157.9 127.4 191.2
115 63.8 51.9 77.9



#5
2-Fluorophenol
Concen: 140.759 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142057.D
Acq: 24 Mar 2025 16:24

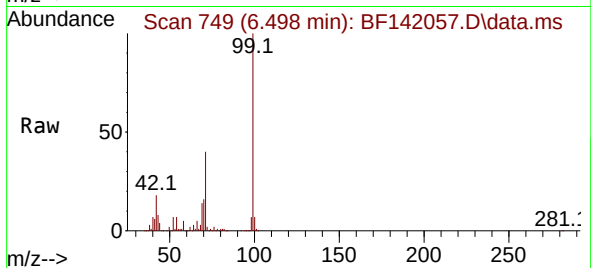
Tgt Ion:112 Resp: 1061999
Ion Ratio Lower Upper
112 100
64 56.1 46.5 69.7
63 30.4 25.4 38.2



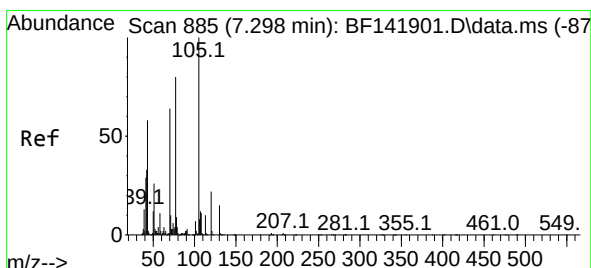
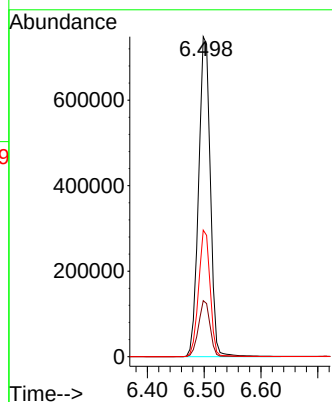
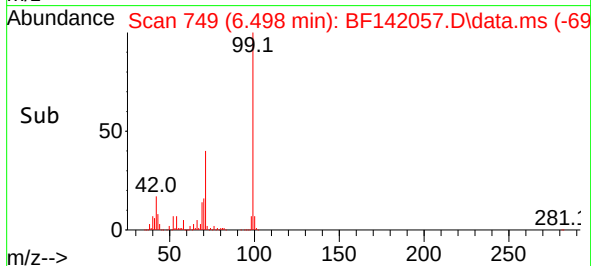


#7
Phenol-d6
Concen: 112.381 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142057.D
Acq: 24 Mar 2025 16:24

Instrument :
BNA_F
ClientSampleId :

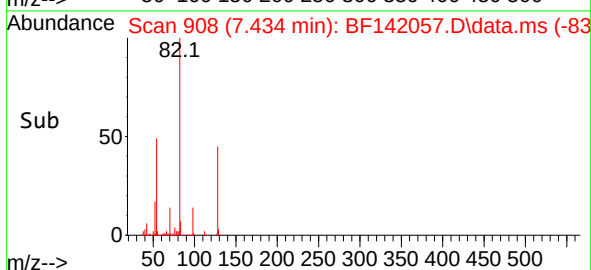
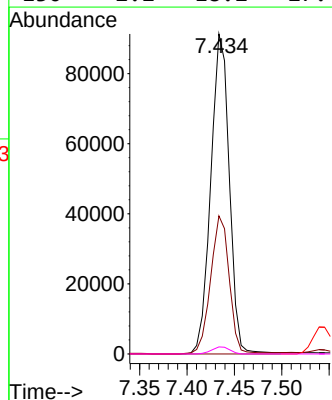
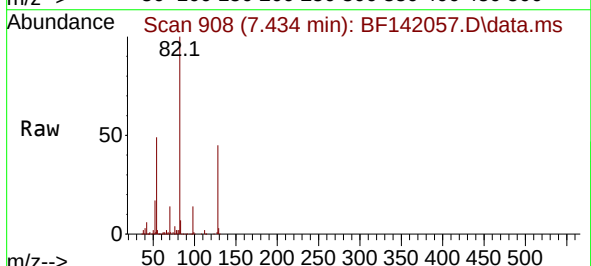


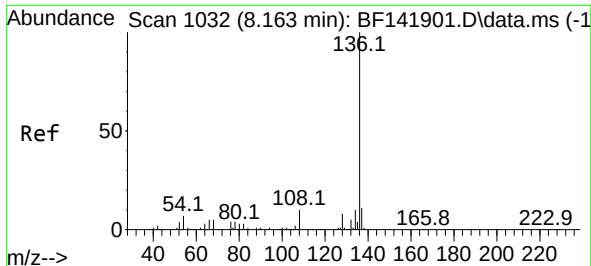
Tgt Ion: 99 Resp: 1079557
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 39.6 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 20.161 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF142057.D
Acq: 24 Mar 2025 16:24

Tgt Ion: 70 Resp: 124447
Ion Ratio Lower Upper
70 100
42 43.2 41.4 62.0
101 0.0 8.2 12.2#
130 2.2 18.2 27.4#



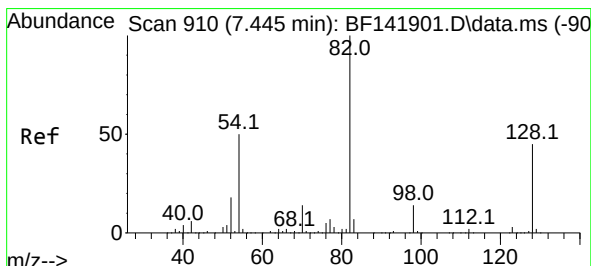
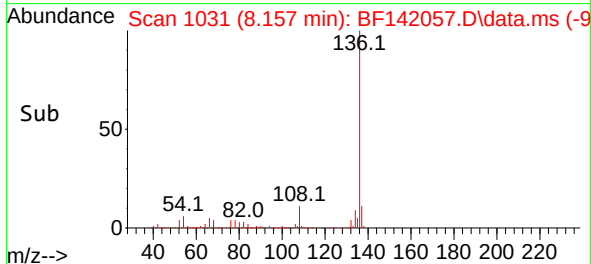
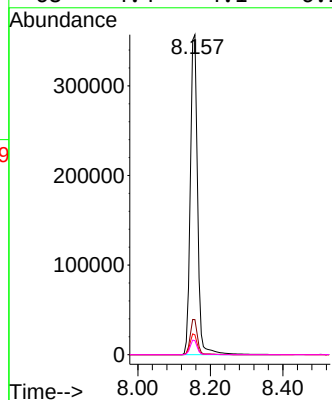
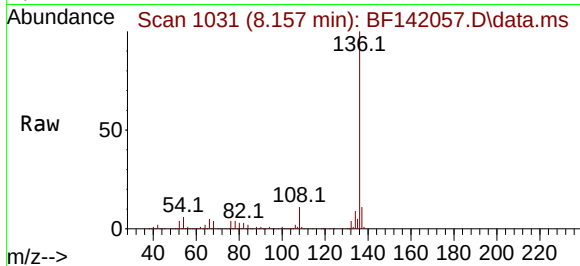


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142057.D
Acq: 24 Mar 2025 16:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 495487

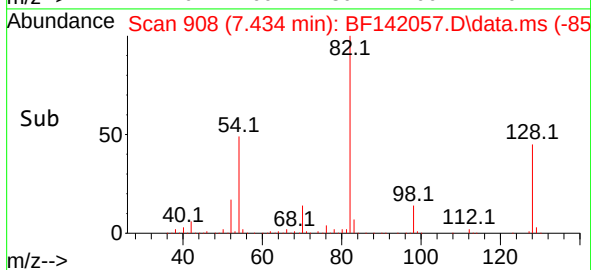
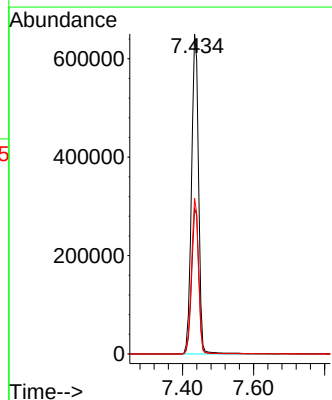
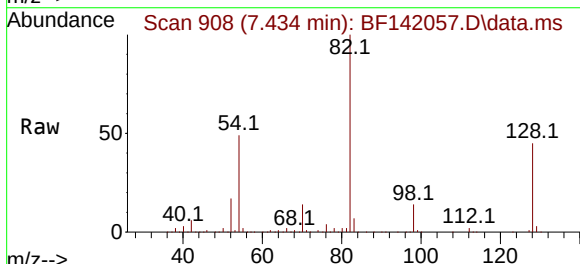
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.2	5.8	8.8
68	4.4	4.1	6.1

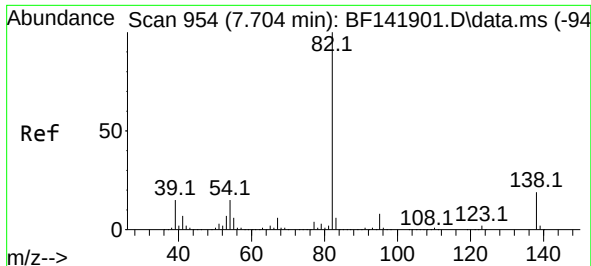


#23
Nitrobenzene-d5
Concen: 102.367 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142057.D
Acq: 24 Mar 2025 16:24

Tgt Ion: 82 Resp: 901304

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.0	54.0
54	48.6	39.6	59.4

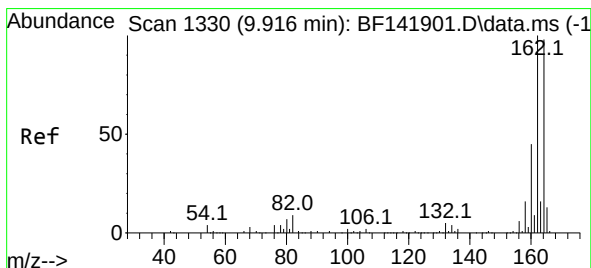
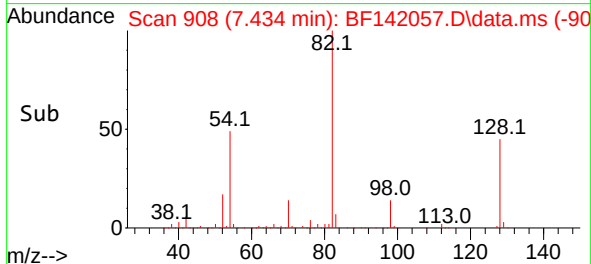
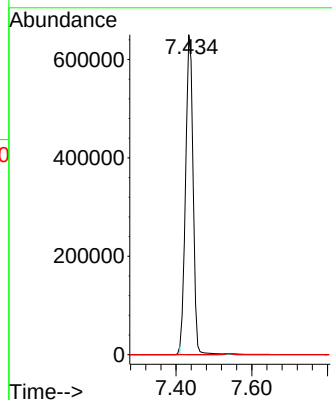
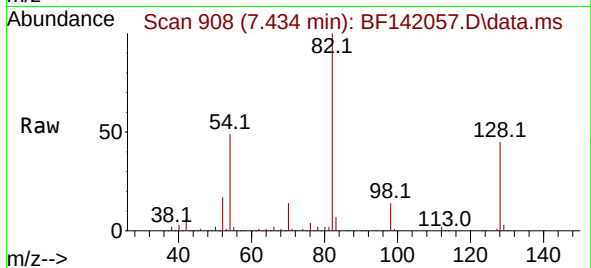




#25
Isophorone
Concen: 57.113 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF142057.D
Acq: 24 Mar 2025 16:24

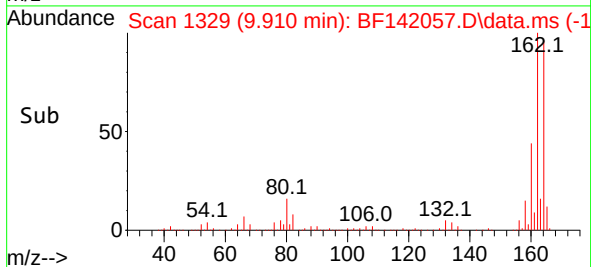
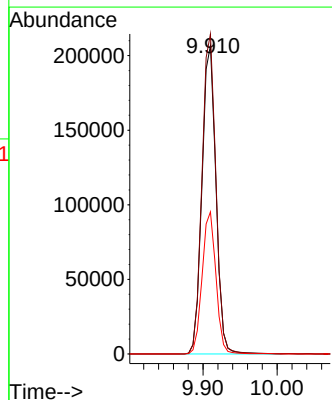
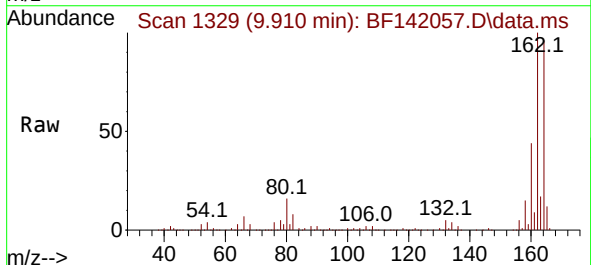
Instrument :
BNA_F
ClientSampleId :

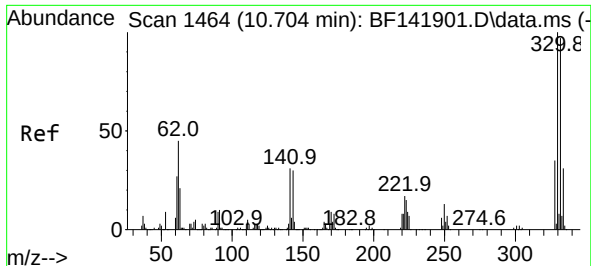
Tgt Ion: 82 Resp: 888882
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142057.D
Acq: 24 Mar 2025 16:24

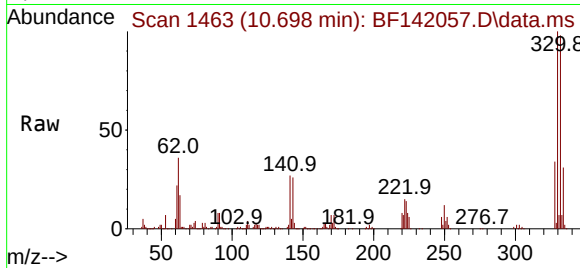
Tgt Ion:164 Resp: 269879
Ion Ratio Lower Upper
164 100
162 103.7 81.8 122.6
160 46.0 36.7 55.1



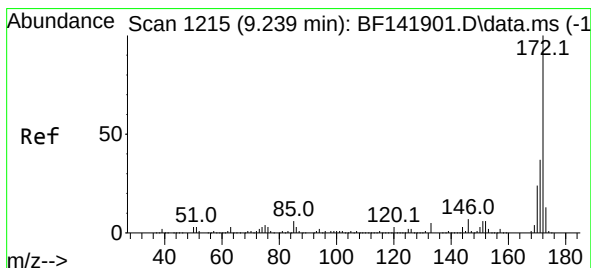
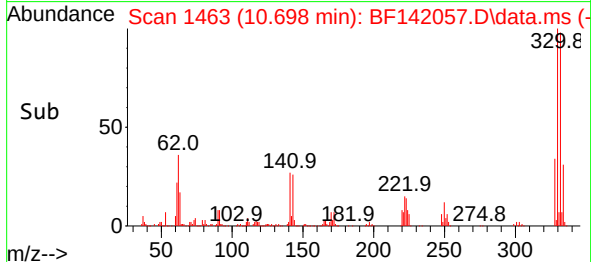
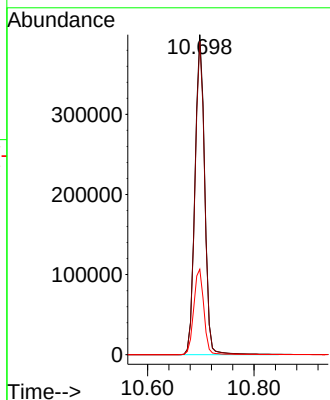


#42
2,4,6-Tribromophenol
Concen: 148.086 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142057.D
Acq: 24 Mar 2025 16:24

Instrument :
BNA_F
ClientSampleId :

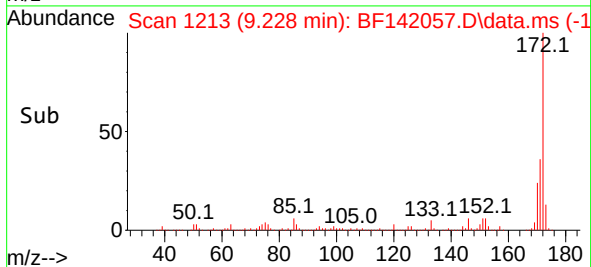
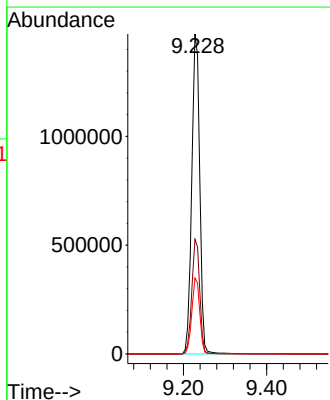
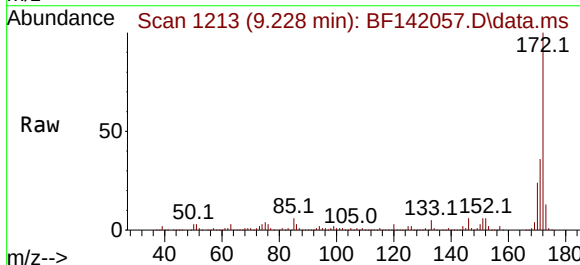


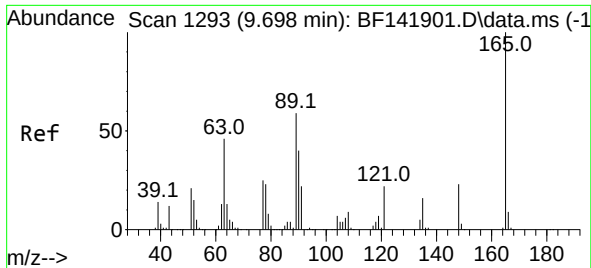
Tgt Ion:330 Resp: 507014
Ion Ratio Lower Upper
330 100
332 97.7 77.6 116.4
141 27.9 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 110.476 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142057.D
Acq: 24 Mar 2025 16:24

Tgt Ion:172 Resp: 1960471
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 23.7 19.4 29.0

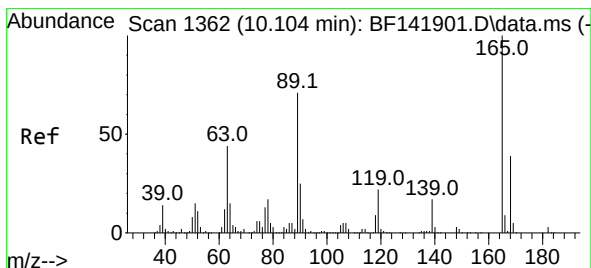
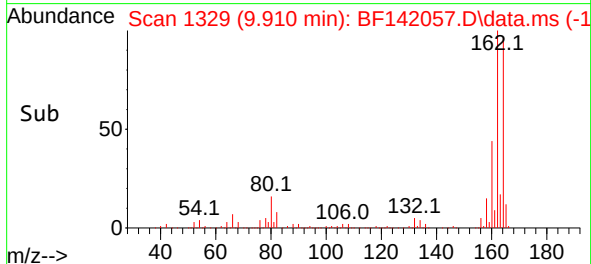
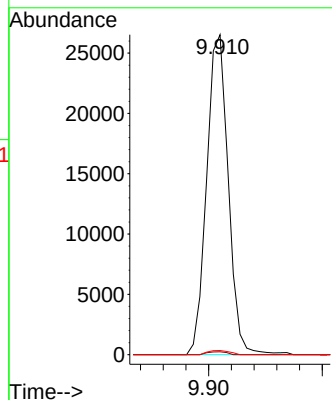
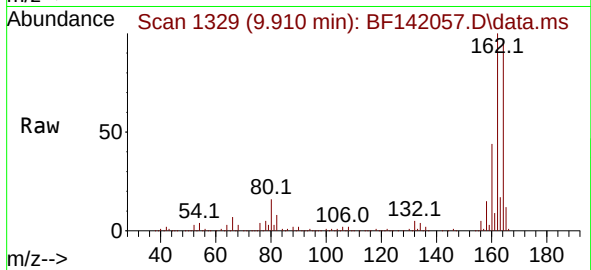




#51
2,6-Dinitrotoluene
Concen: 8.877 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142057.D
Acq: 24 Mar 2025 16:24

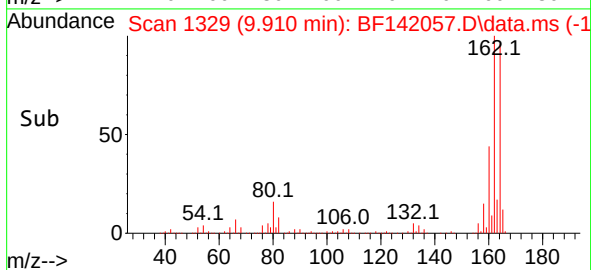
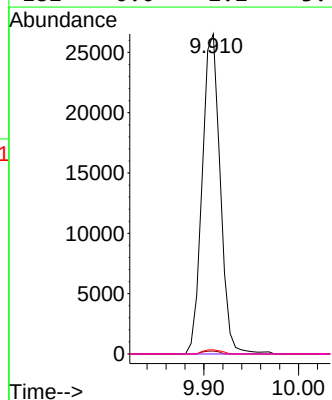
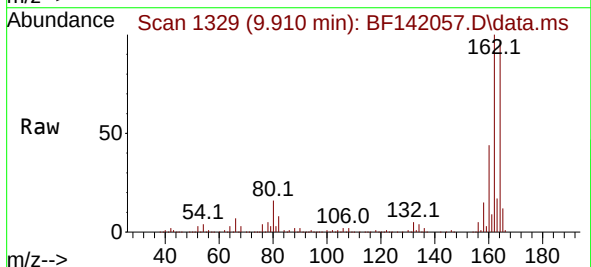
Instrument :
BNA_F
ClientSampleId :

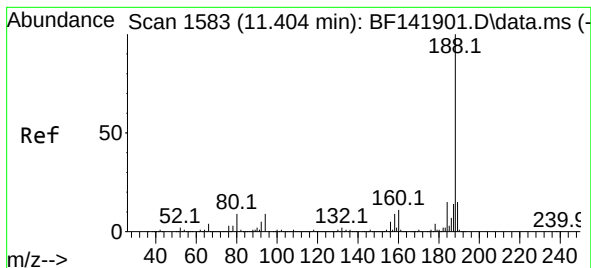
Tgt Ion:165 Resp: 34932
Ion Ratio Lower Upper
165 100
63 0.9 47.0 70.4#
89 1.3 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.809 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF142057.D
Acq: 24 Mar 2025 16:24

Tgt Ion:165 Resp: 34994
Ion Ratio Lower Upper
165 100
63 0.9 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: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142057.D

Acq: 24 Mar 2025 16:24

Instrument :

BNA_F

ClientSampleId :

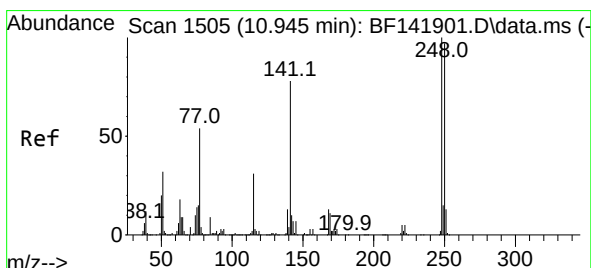
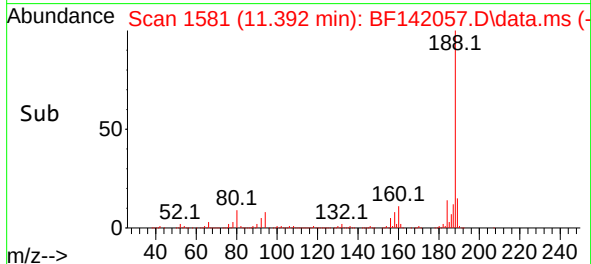
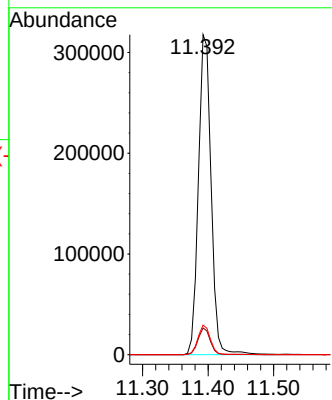
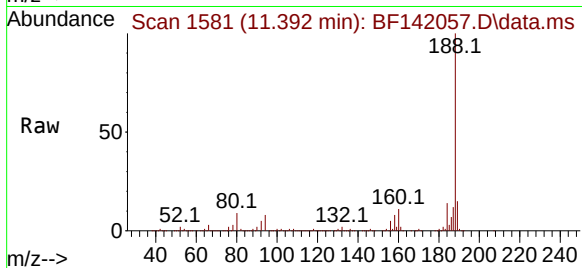
Tgt Ion:188 Resp: 428465

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

80 9.3 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 5.729 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF142057.D

Acq: 24 Mar 2025 16:24

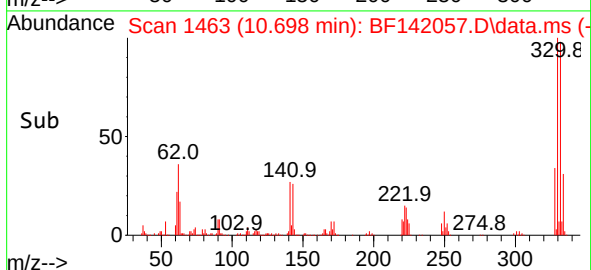
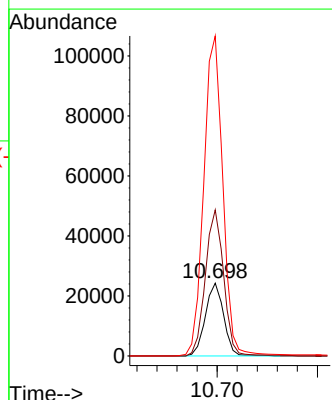
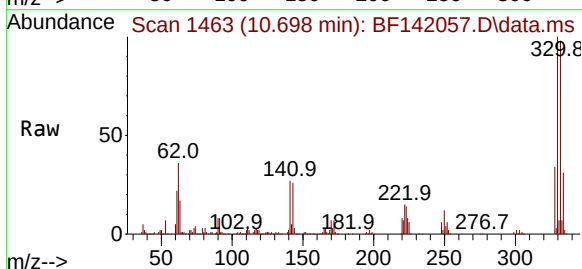
Tgt Ion:248 Resp: 30830

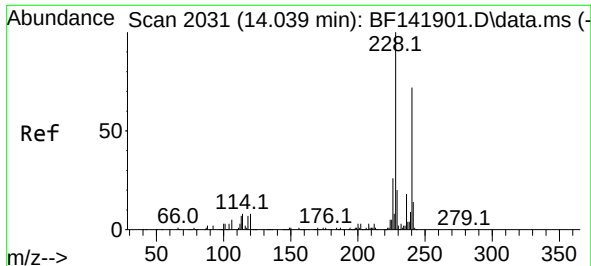
Ion Ratio Lower Upper

248 100

250 200.8 77.8 116.8#

141 439.7 62.6 93.8#

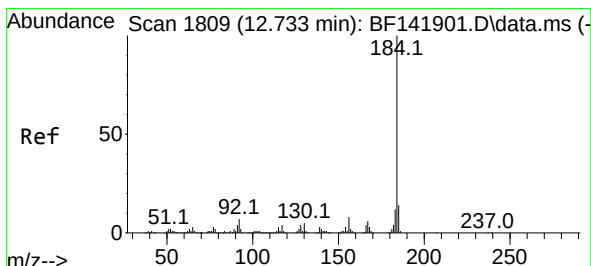
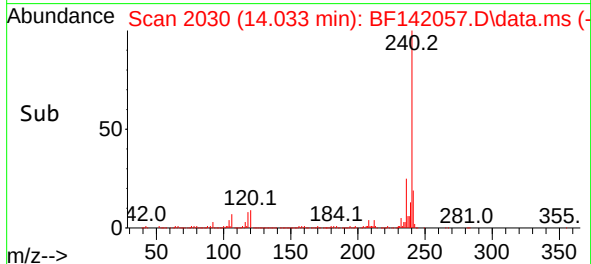
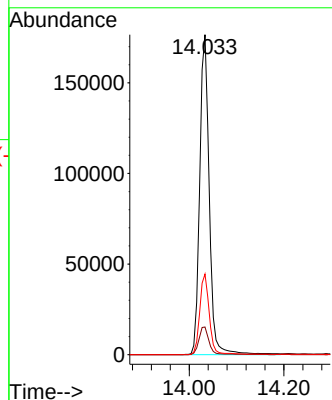
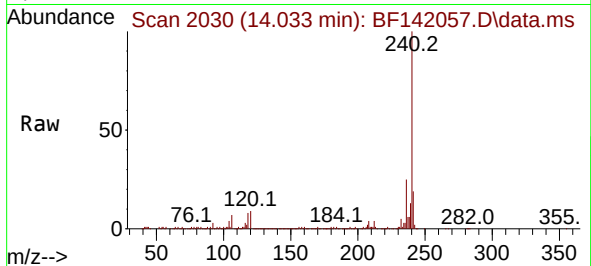




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF142057.D
Acq: 24 Mar 2025 16:24

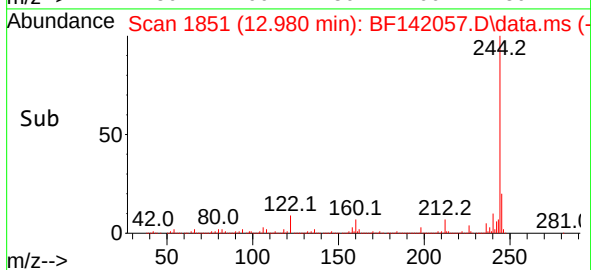
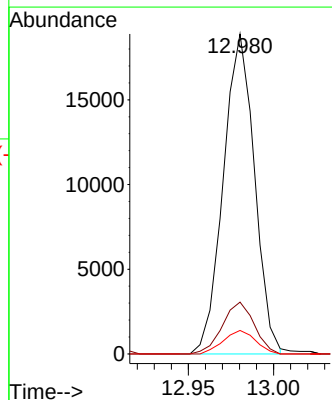
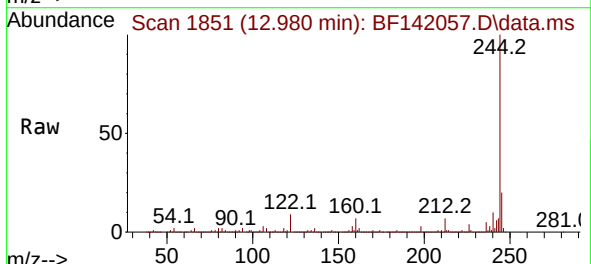
Instrument :
BNA_F
ClientSampleId :

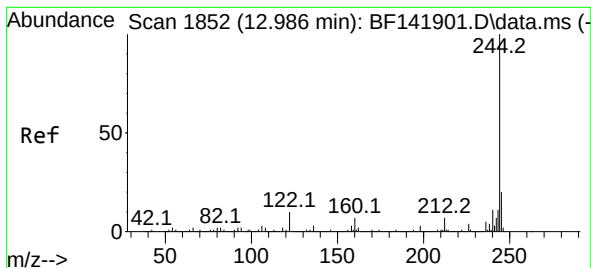
Tgt Ion:240 Resp: 247462
Ion Ratio Lower Upper
240 100
120 8.7 8.4 12.6
236 25.2 20.5 30.7



#77
Benzidine
Concen: 6.963 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF142057.D
Acq: 24 Mar 2025 16:24

Tgt Ion:184 Resp: 24039
Ion Ratio Lower Upper
184 100
185 16.2 11.5 17.3
183 7.4 9.7 14.5#





#79

Terphenyl-d14

Concen: 111.895 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142057.D

Acq: 24 Mar 2025 16:24

Instrument :

BNA_F

ClientSampleId :

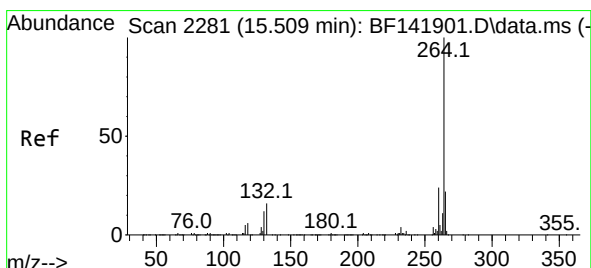
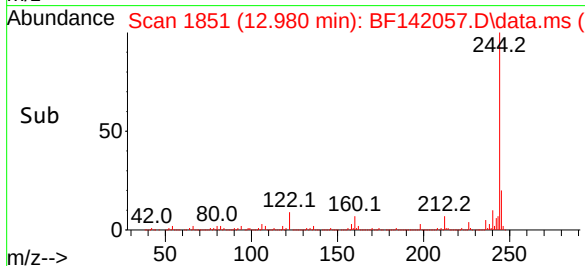
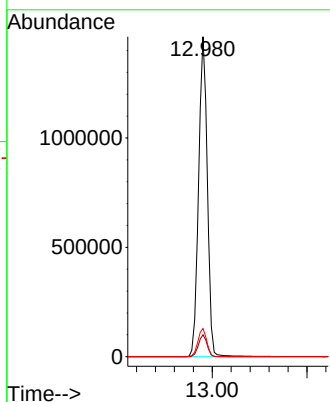
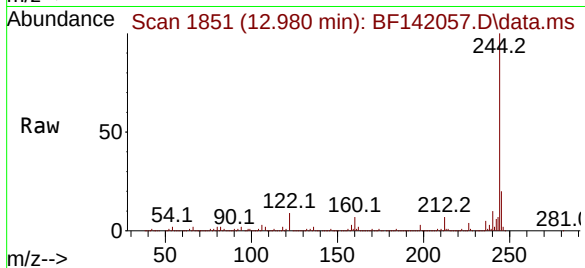
Tgt Ion:244 Resp: 1872889

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 8.8 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: BF142057.D

Acq: 24 Mar 2025 16:24

Tgt Ion:264 Resp: 271187

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.5 17.5 26.3

