

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
 Data File : BF141944.D
 Acq On : 13 Mar 2025 16:44
 Operator : RC/JU
 Sample : Q1539-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TAPFTA-MW01I-031025-00-T2

Quant Time: Mar 13 17:07:35 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)

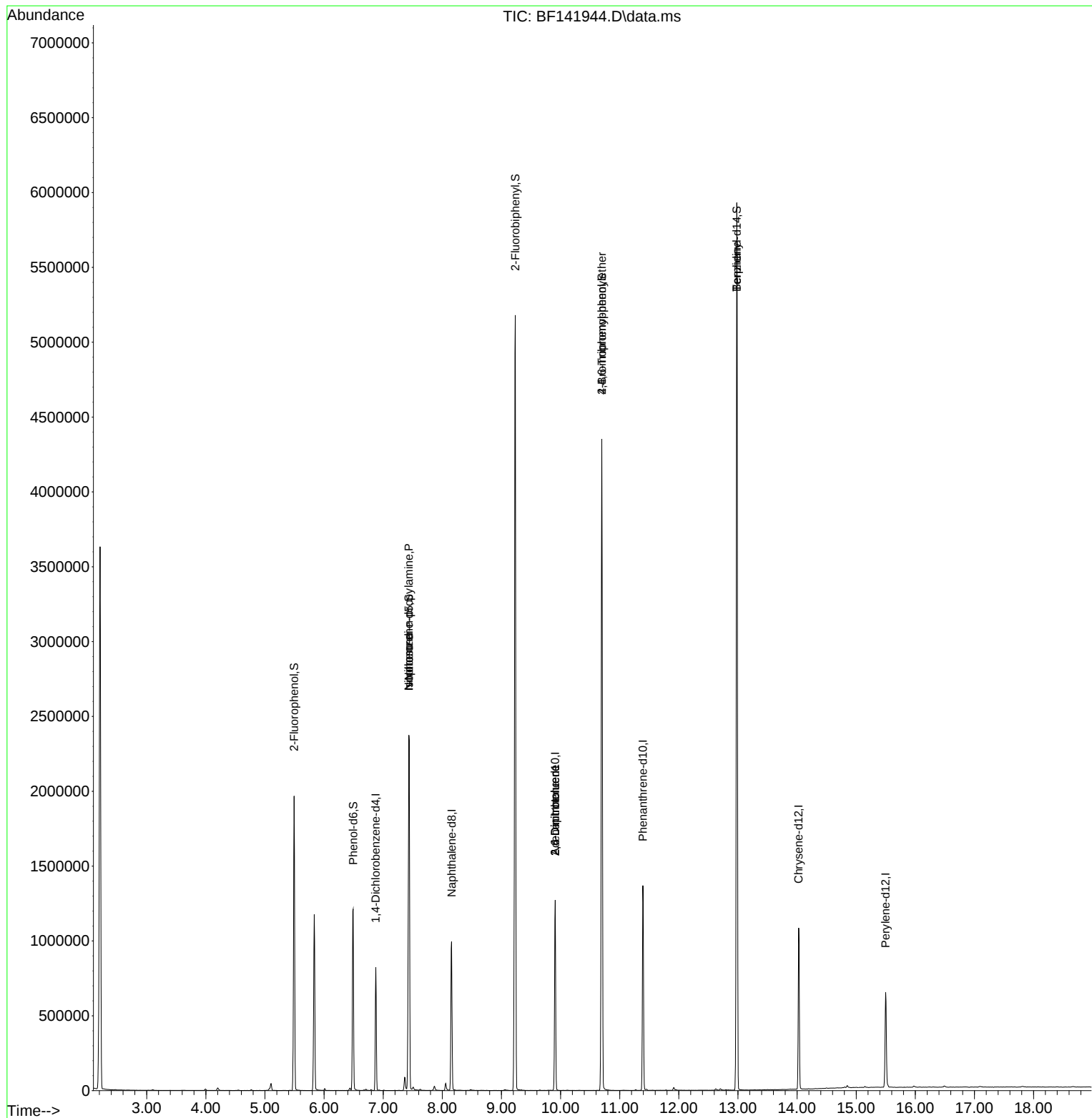
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	168841	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	662735	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	386145	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	718788	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	525213	20.000	ng	-0.01
86) Perylene-d12	15.498	264	377938	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	744011	73.544	ng	0.00
7) Phenol-d6	6.492	99	585105	45.425	ng	-0.01
23) Nitrobenzene-d5	7.434	82	1226775	104.171	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	863116	176.191	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2455018	96.690	ng	0.00
79) Terphenyl-d14	12.980	244	3069685	86.410	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	172784	20.876	ng	# 78
25) Isophorone	7.434	82	1201120	57.699	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	49039	8.710	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	49039	6.669	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	54670	6.056	ng	# 1
77) Benzidine	12.980	184	41193	5.622	ng	# 91

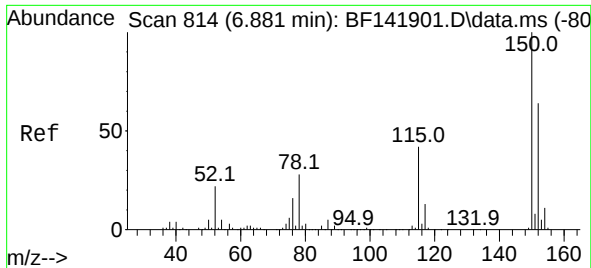
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
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TAPFTA-MW01I-031025-00-T2

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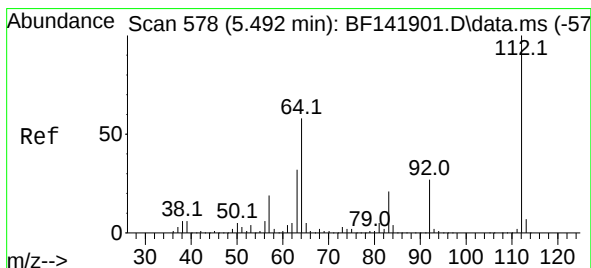
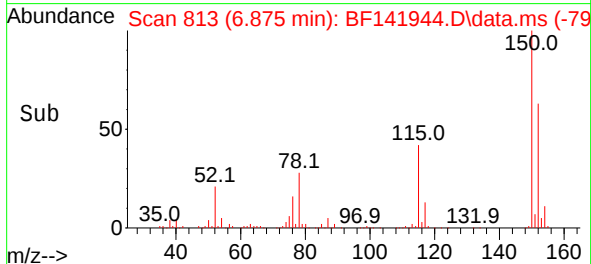
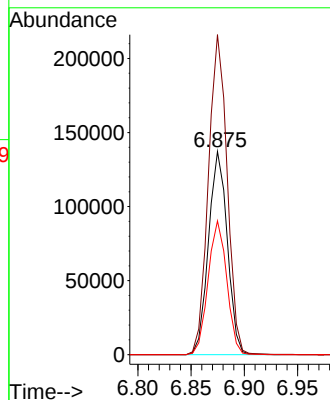
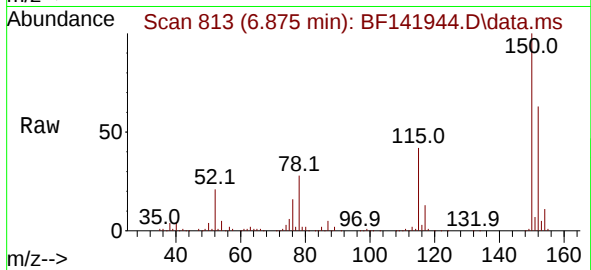




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF141944.D
Acq: 13 Mar 2025 16:44

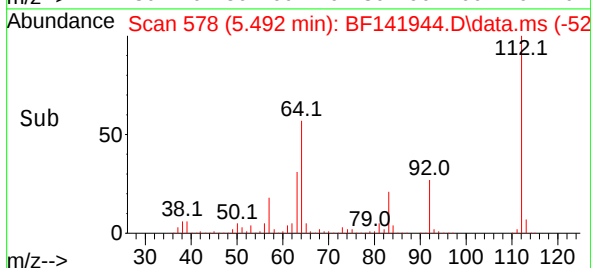
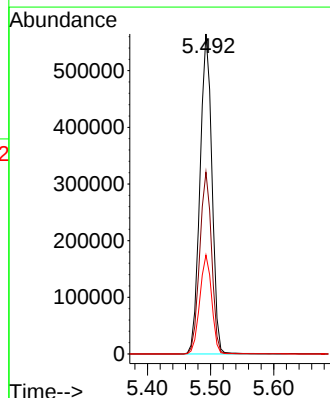
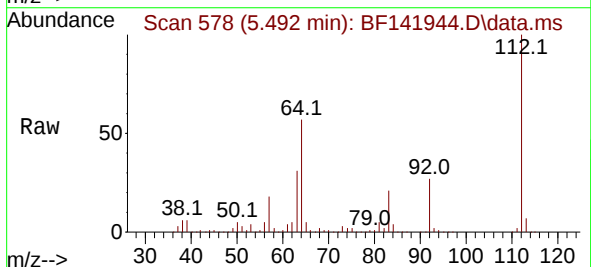
Instrument :
BNA_F
ClientSampleId :
TAPFTA-MW01I-031025-00-T2

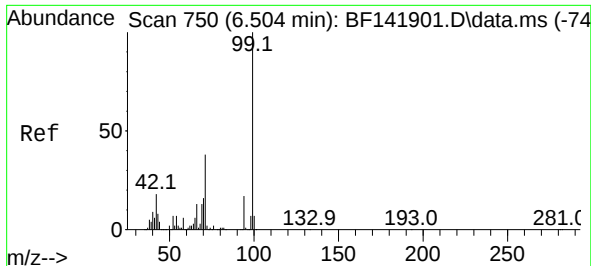
Tgt Ion:152 Resp: 168841
Ion Ratio Lower Upper
152 100
150 157.5 127.4 191.2
115 65.9 51.9 77.9



#5
2-Fluorophenol
Concen: 73.544 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF141944.D
Acq: 13 Mar 2025 16:44

Tgt Ion:112 Resp: 744011
Ion Ratio Lower Upper
112 100
64 56.8 46.5 69.7
63 30.9 25.4 38.2

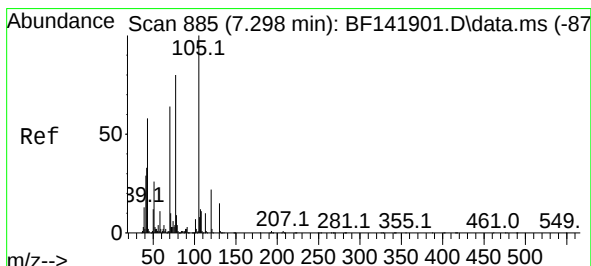
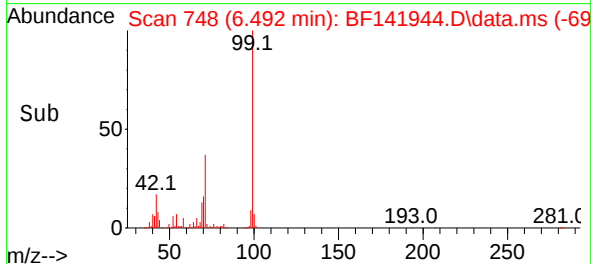
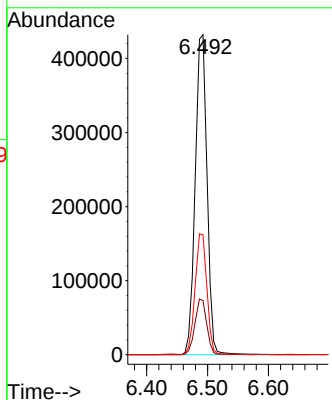
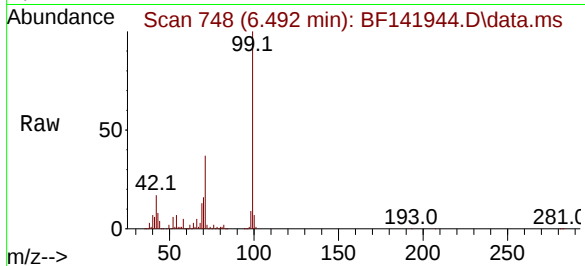




#7
Phenol-d6
Concen: 45.425 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF141944.D
Acq: 13 Mar 2025 16:44

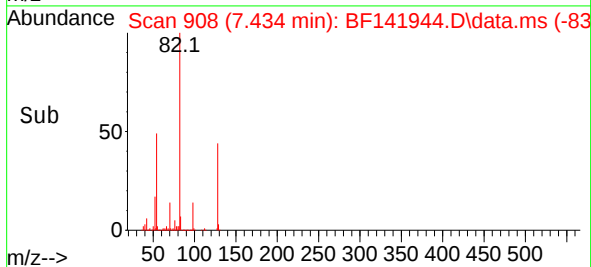
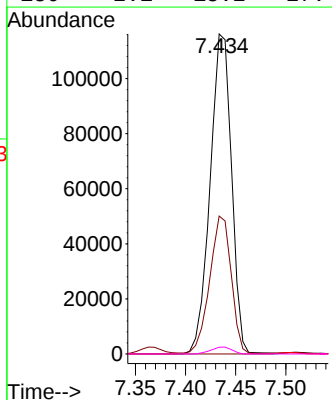
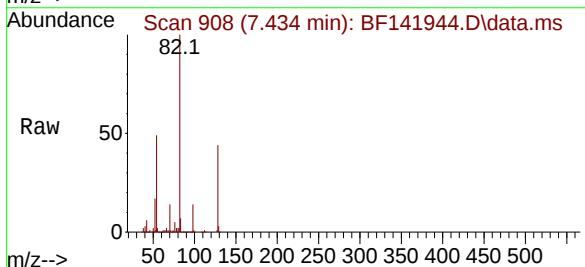
Instrument :
BNA_F
ClientSampleId :
TAPFTA-MW01I-031025-00-T2

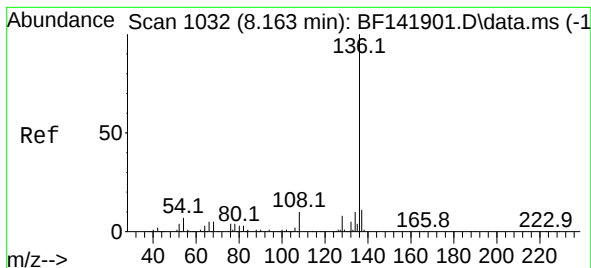
Tgt Ion: 99 Resp: 585105
Ion Ratio Lower Upper
99 100
42 16.9 14.6 21.8
71 37.5 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 20.876 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF141944.D
Acq: 13 Mar 2025 16:44

Tgt Ion: 70 Resp: 172784
Ion Ratio Lower Upper
70 100
42 43.1 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# 1

Delta R.T. -0.006 min

Lab File: BF141944.D

Acq: 13 Mar 2025 16:44

Instrument :

BNA_F

ClientSampleId :

TAPFTA-MW01I-031025-00-T2

Tgt Ion:136 Resp: 662735

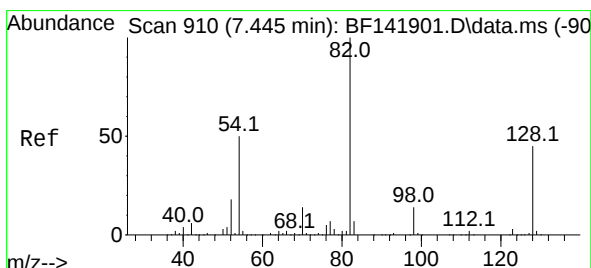
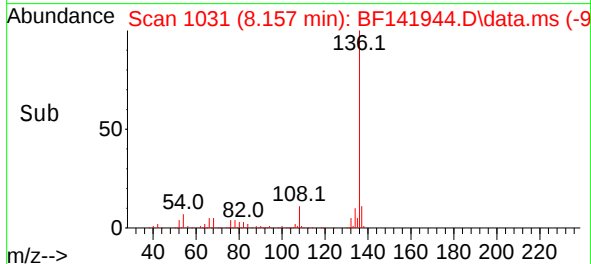
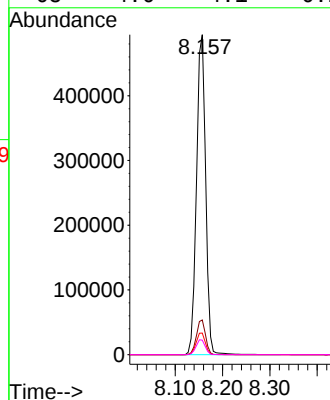
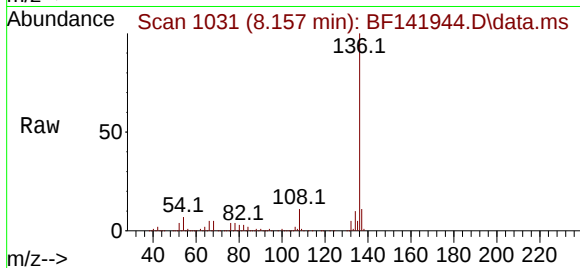
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.7 5.8 8.8

68 4.6 4.1 6.1



#23

Nitrobenzene-d5

Concen: 104.171 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF141944.D

Acq: 13 Mar 2025 16:44

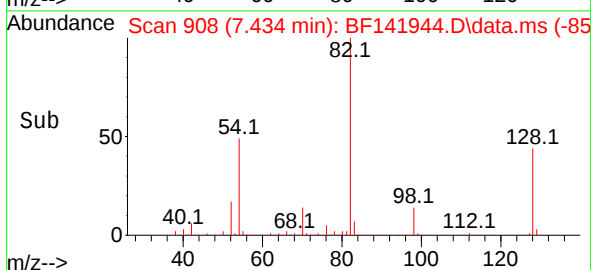
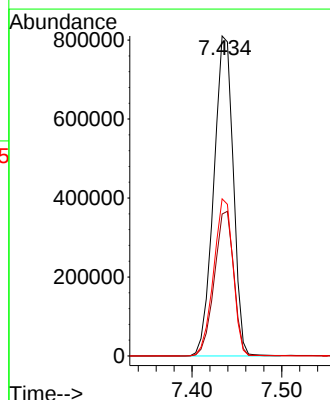
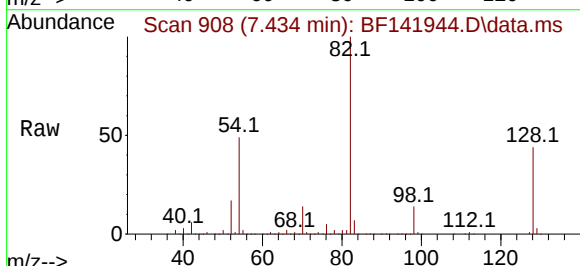
Tgt Ion: 82 Resp: 1226775

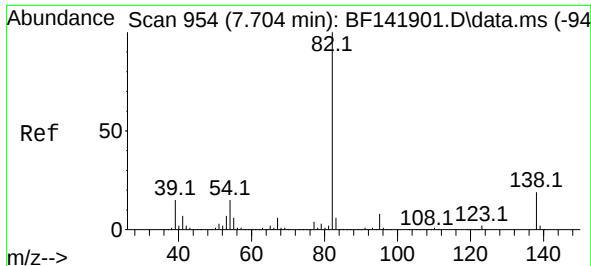
Ion Ratio Lower Upper

82 100

128 44.4 36.0 54.0

54 49.1 39.6 59.4

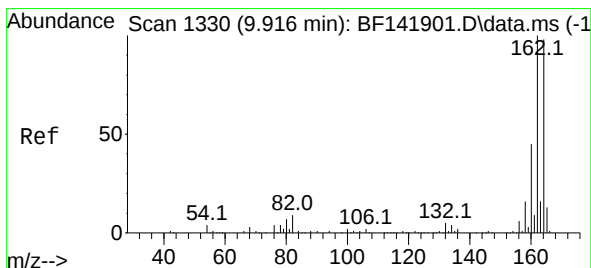
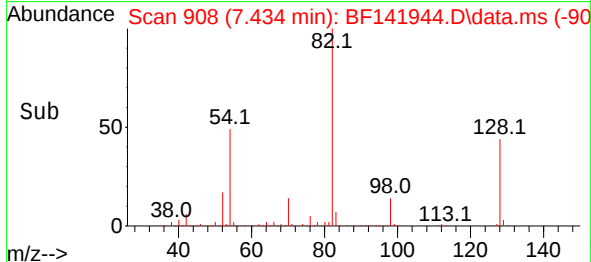
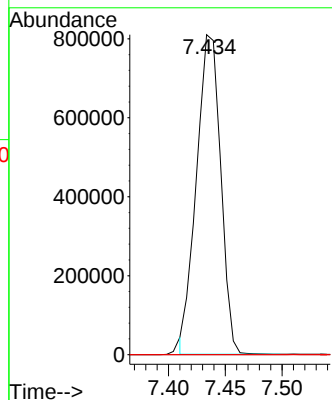
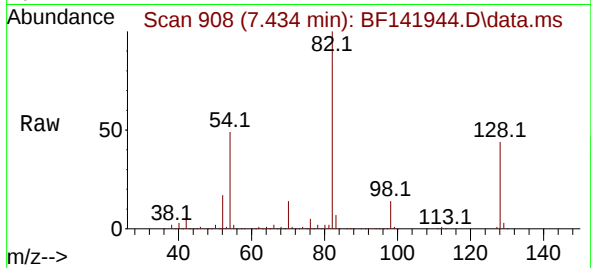




#25
Isophorone
Concen: 57.699 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF141944.D
Acq: 13 Mar 2025 16:44

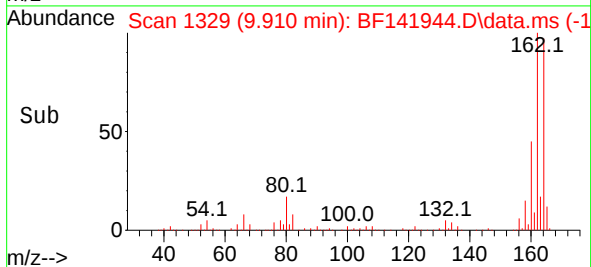
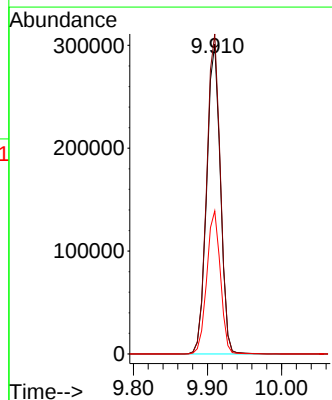
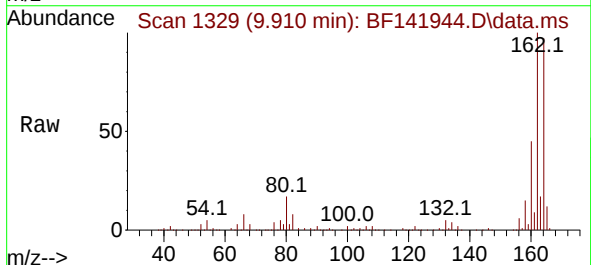
Instrument :
BNA_F
ClientSampleId :
TAPFTA-MW01I-031025-00-T2

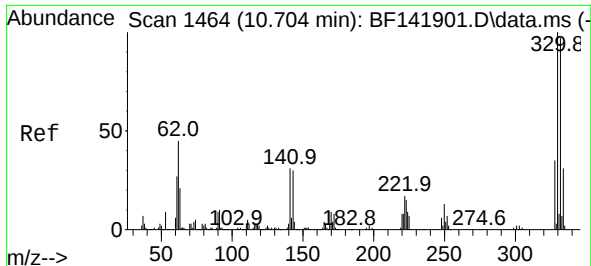
Tgt Ion: 82 Resp: 1201120
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141944.D
Acq: 13 Mar 2025 16:44

Tgt Ion:164 Resp: 386145
Ion Ratio Lower Upper
164 100
162 103.3 81.8 122.6
160 46.2 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 176.191 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF141944.D

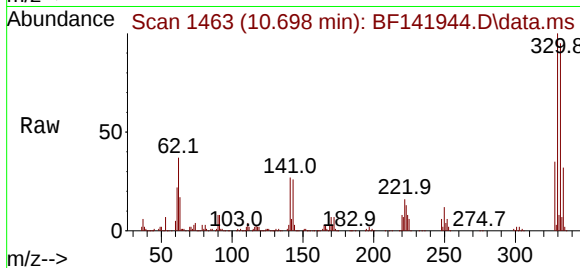
Acq: 13 Mar 2025 16:44

Instrument :

BNA_F

ClientSampleId :

TAPFTA-MW01I-031025-00-T2



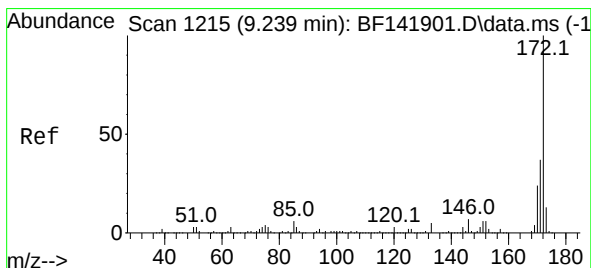
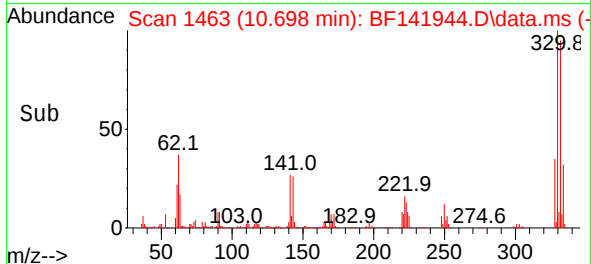
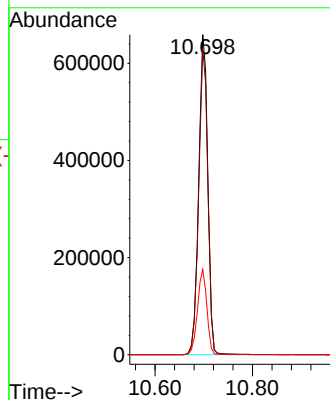
Tgt Ion:330 Resp: 863116

Ion Ratio Lower Upper

330 100

332 95.6 77.6 116.4

141 27.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 96.690 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141944.D

Acq: 13 Mar 2025 16:44

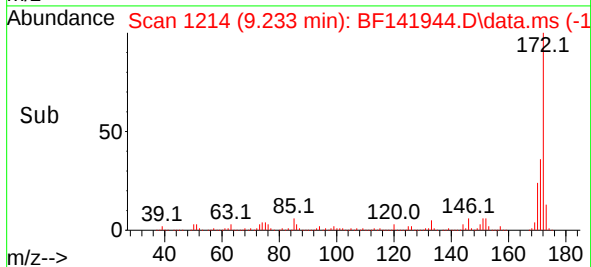
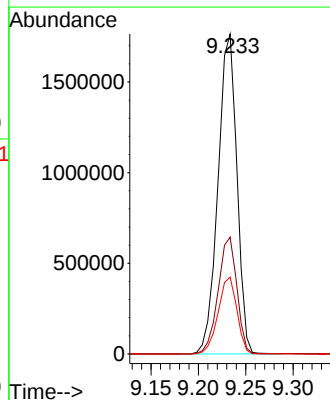
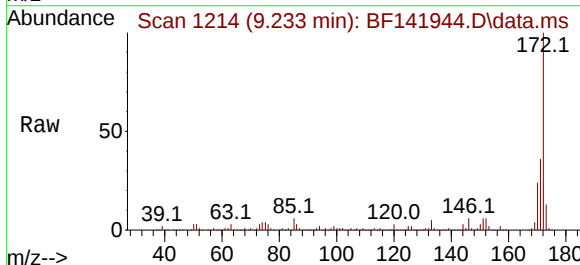
Tgt Ion:172 Resp: 2455018

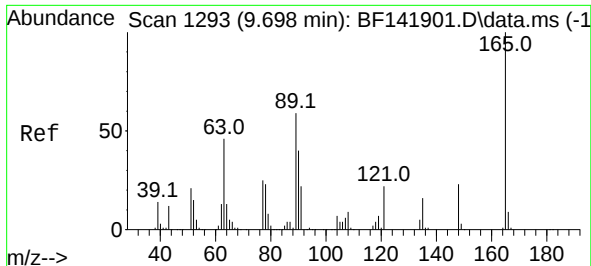
Ion Ratio Lower Upper

172 100

171 36.5 29.3 43.9

170 24.0 19.4 29.0

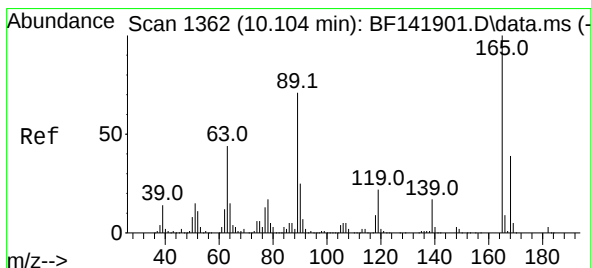
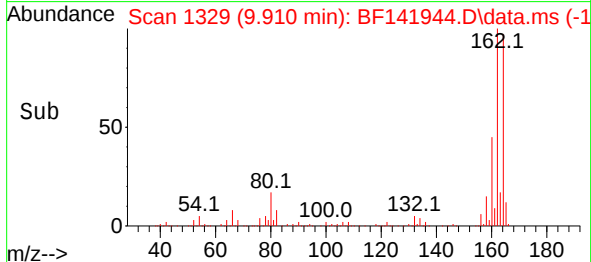
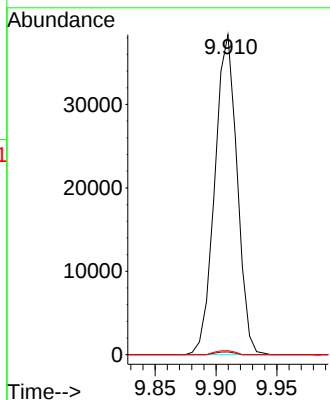
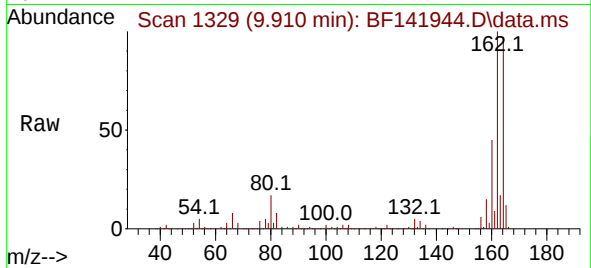




#51
2,6-Dinitrotoluene
Concen: 8.710 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF141944.D
Acq: 13 Mar 2025 16:44

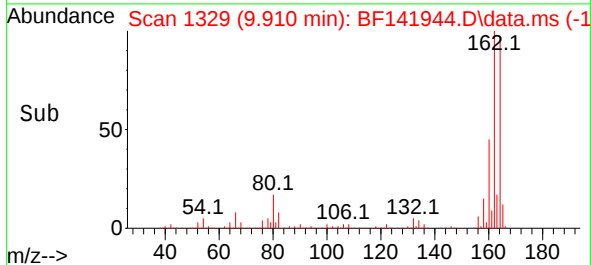
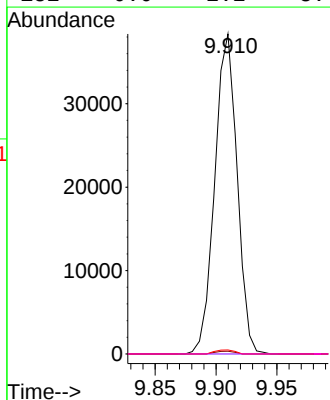
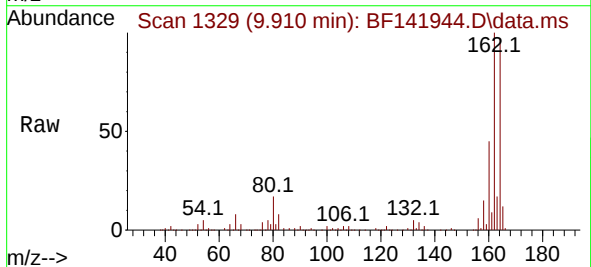
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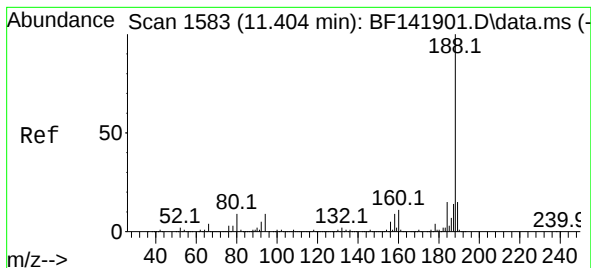
Tgt Ion:165 Resp: 49039
Ion Ratio Lower Upper
165 100
63 0.8 47.0 70.4#
89 1.2 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.669 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF141944.D
Acq: 13 Mar 2025 16:44

Tgt Ion:165 Resp: 49039
Ion Ratio Lower Upper
165 100
63 0.8 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: BF141944.D

Acq: 13 Mar 2025 16:44

Instrument :

BNA_F

ClientSampleId :

TAPFTA-MW01I-031025-00-T2

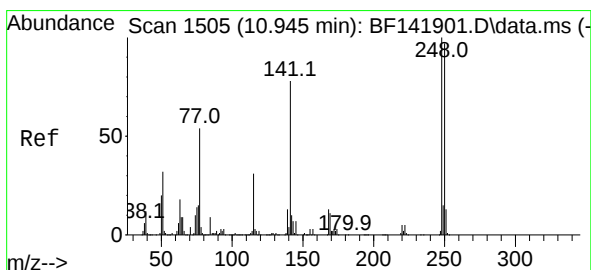
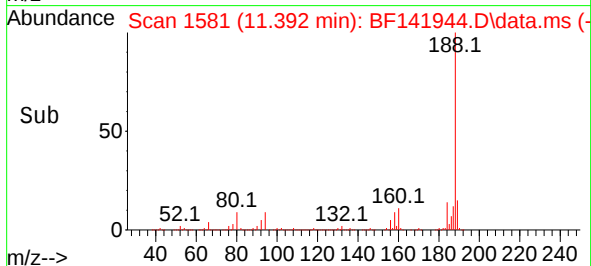
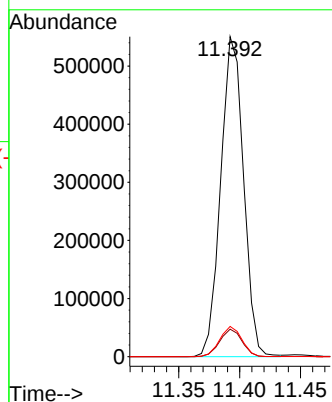
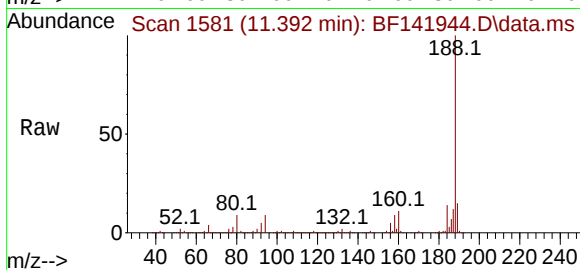
Tgt Ion:188 Resp: 718788

Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

80 9.4 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 6.056 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF141944.D

Acq: 13 Mar 2025 16:44

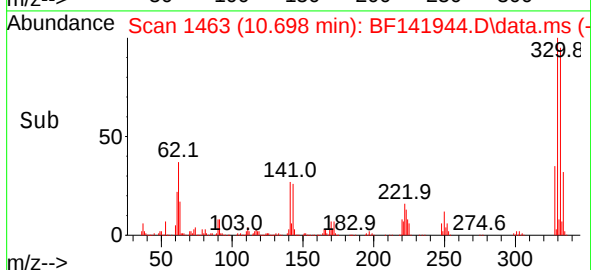
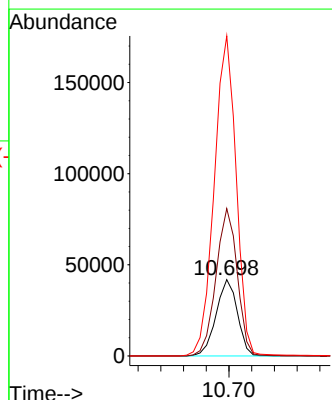
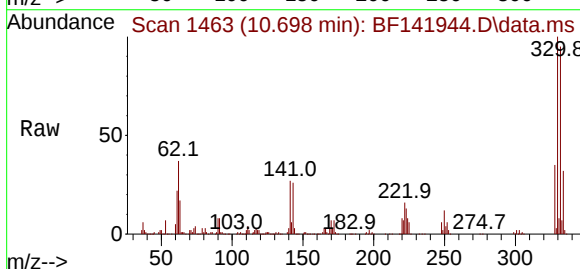
Tgt Ion:248 Resp: 54670

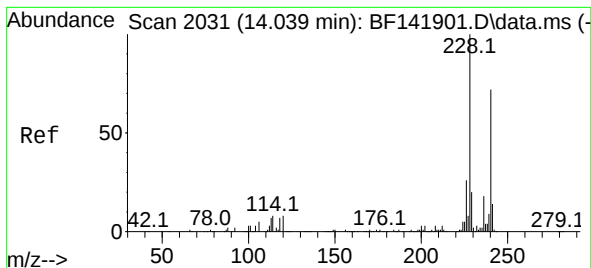
Ion Ratio Lower Upper

248 100

250 193.2 77.8 116.8#

141 419.6 62.6 93.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF141944.D

Acq: 13 Mar 2025 16:44

Instrument :

BNA_F

ClientSampleId :

TAPFTA-MW01I-031025-00-T2

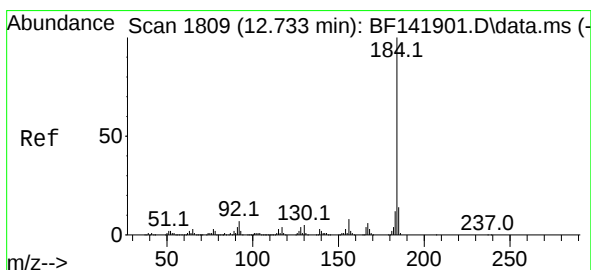
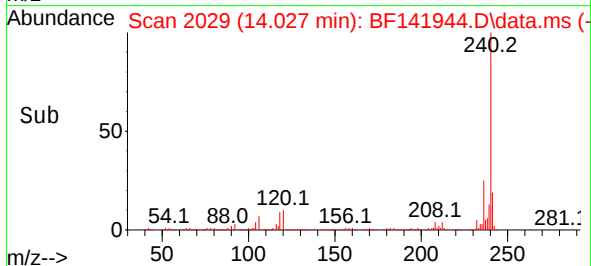
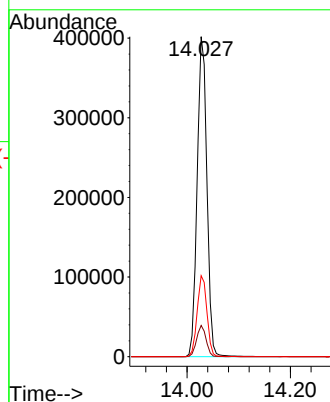
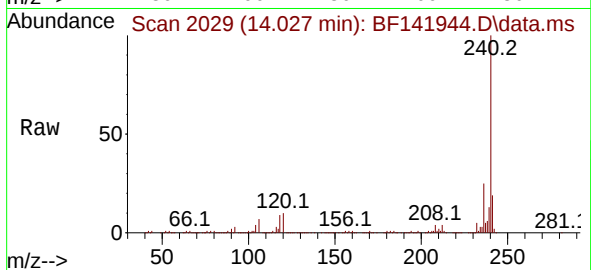
Tgt Ion:240 Resp: 525213

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

236 25.3 20.5 30.7



#77

Benzidine

Concen: 5.622 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.247 min

Lab File: BF141944.D

Acq: 13 Mar 2025 16:44

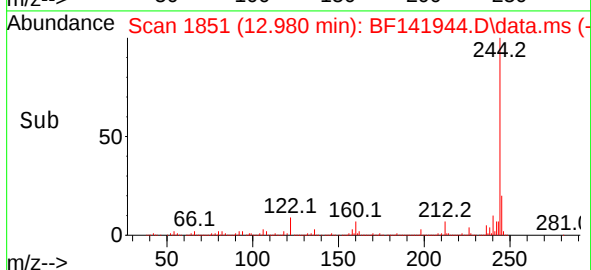
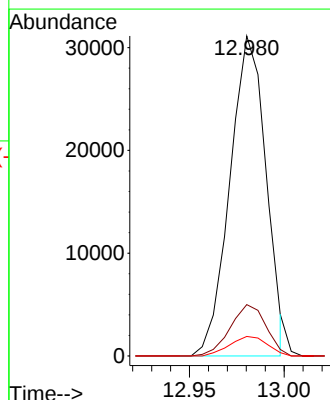
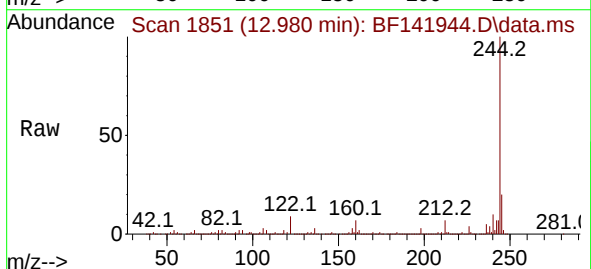
Tgt Ion:184 Resp: 41193

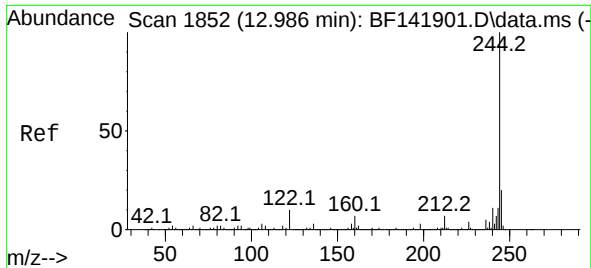
Ion Ratio Lower Upper

184 100

185 16.1 11.5 17.3

183 6.1 9.7 14.5#

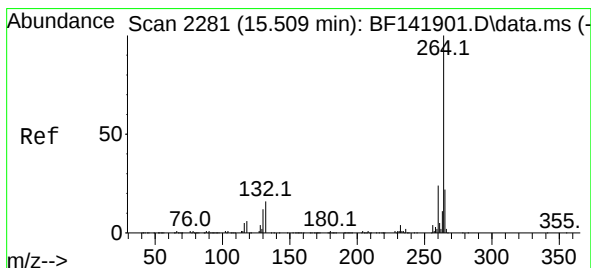
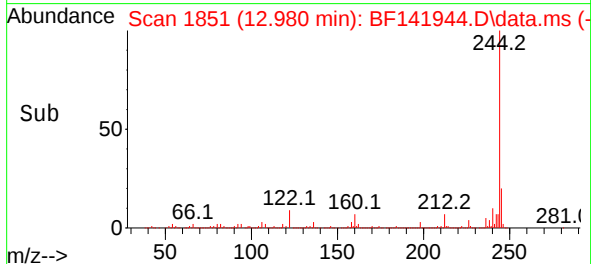
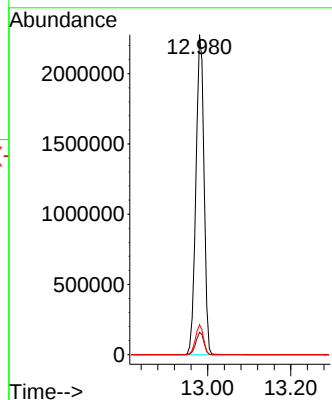
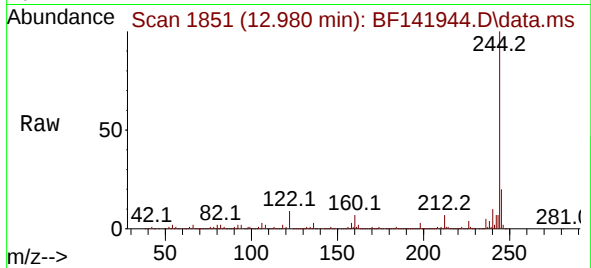




#79
 Terphenyl-d14
 Concen: 86.410 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141944.D
 Acq: 13 Mar 2025 16:44

Instrument :
 BNA_F
 ClientSampleId :
 TAPFTA-MW01I-031025-00-T2

Tgt Ion:244 Resp: 3069685
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.3 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.012 min
 Lab File: BF141944.D
 Acq: 13 Mar 2025 16:44

Tgt Ion:264 Resp: 377938
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 21.8 17.5 26.3

