

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
 Data File : BF141201.D
 Acq On : 17 Jan 2025 18:59
 Operator : RC/JU
 Sample : Q1115-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11995

Quant Time: Jan 17 23:11:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

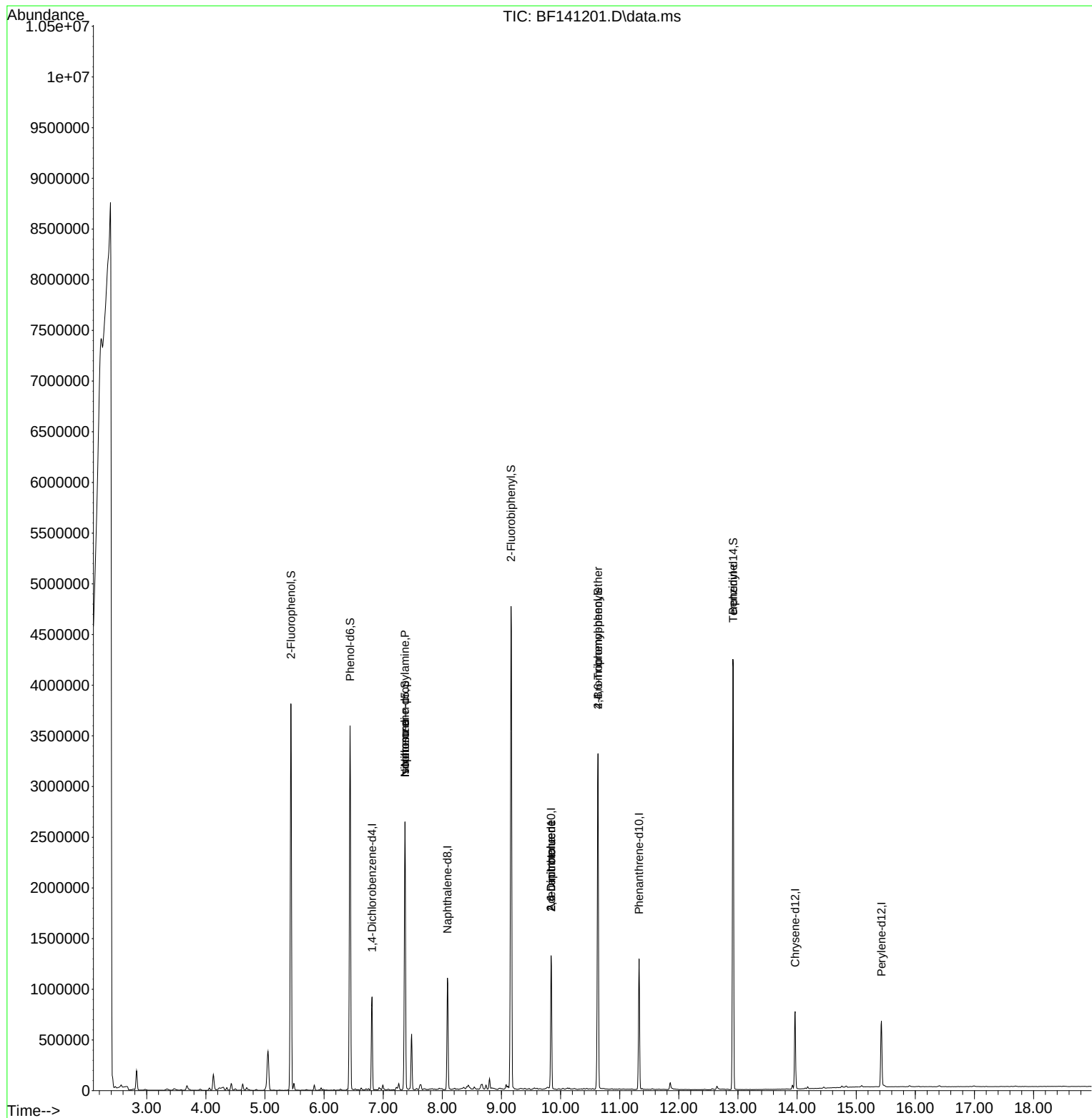
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	191494	20.000	ng	-0.01
21) Naphthalene-d8	8.086	136	760379	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	407176	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	640808	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	377870	20.000	ng	-0.02
86) Perylene-d12	15.427	264	383240	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1566081	126.337	ng	0.01
7) Phenol-d6	6.439	99	1862466	118.612	ng	0.00
23) Nitrobenzene-d5	7.369	82	1300714	90.677	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	651710	140.470	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	2399276	89.981	ng	-0.02
79) Terphenyl-d14	12.921	244	2220985	87.360	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	178671	19.317	ng	# 76
25) Isophorone	7.369	82	1293848	52.780	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	53746	8.455	ng	# 26
57) 2,4-Dinitrotoluene	9.839	165	53746	6.561	ng	# 24
67) 4-Bromophenyl-phenylether	10.633	248	39549	5.361	ng	# 1
77) Benzidine	12.915	184	28239	4.030	ng	# 93

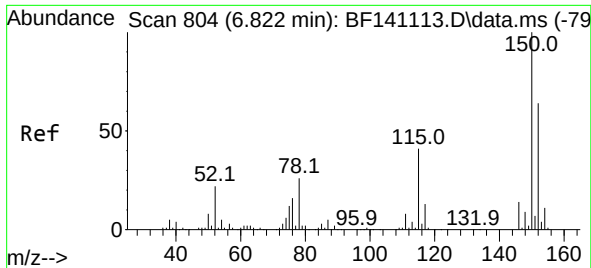
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

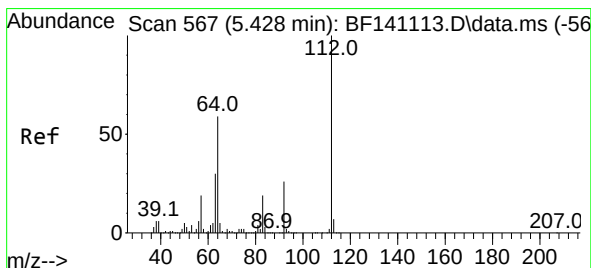
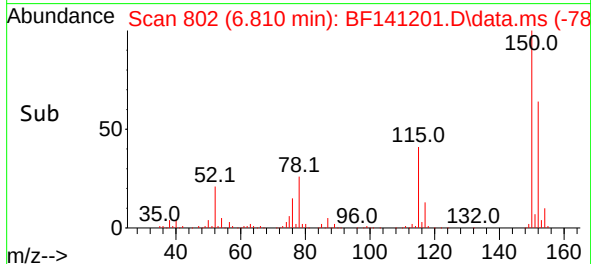
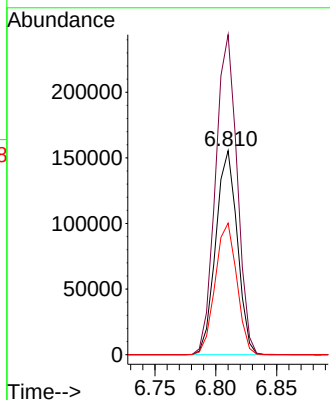
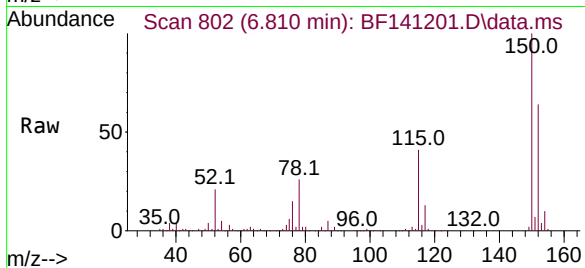




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 804
 Delta R.T. -0.012 min
 Lab File: BF141201.D
 Acq: 17 Jan 2025 18:59

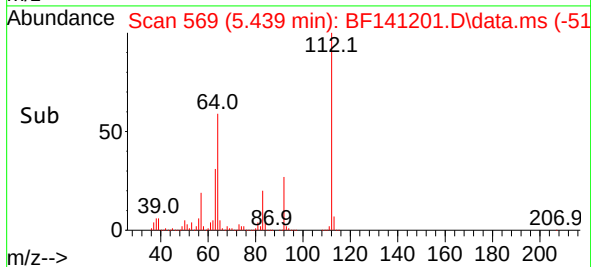
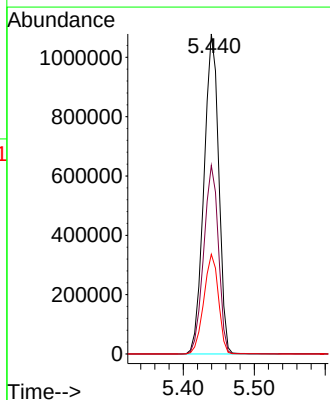
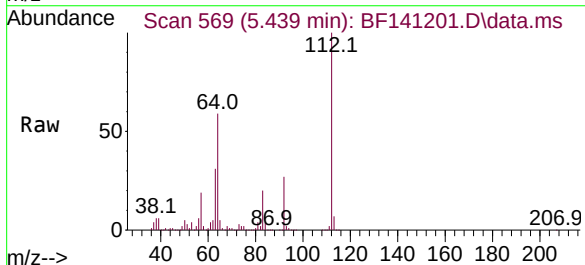
Instrument :
 BNA_F
 ClientSampleId :
 72-11995

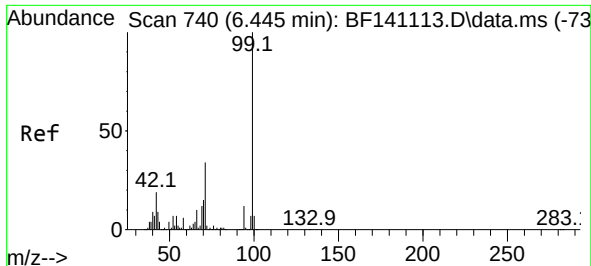
Tgt Ion:152 Resp: 191494
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.8 188.8
 115 64.5 51.4 77.2



#5
 2-Fluorophenol
 Concen: 126.337 ng
 RT: 5.439 min Scan# 569
 Delta R.T. 0.012 min
 Lab File: BF141201.D
 Acq: 17 Jan 2025 18:59

Tgt Ion:112 Resp: 1566081
 Ion Ratio Lower Upper
 112 100
 64 58.9 47.3 70.9
 63 31.2 24.2 36.2





#7
Phenol-d6
Concen: 118.612 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141201.D
Acq: 17 Jan 2025 18:59

Instrument :

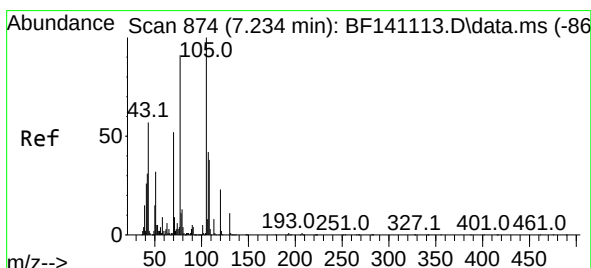
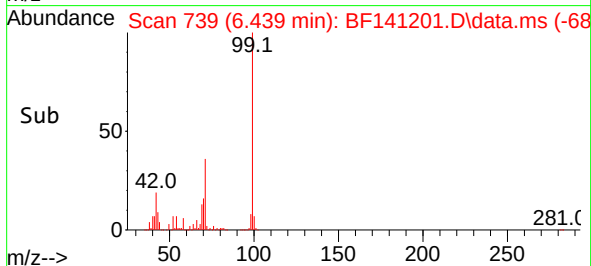
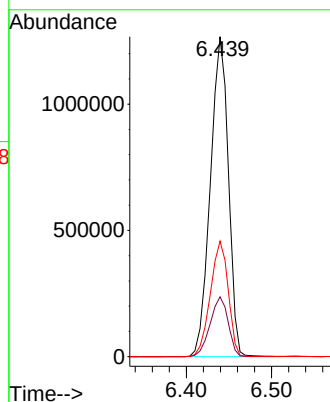
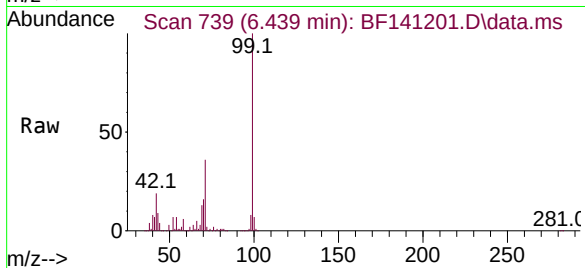
BNA_F

ClientSampleId :

72-11995

Tgt Ion: 99 Resp: 1862466

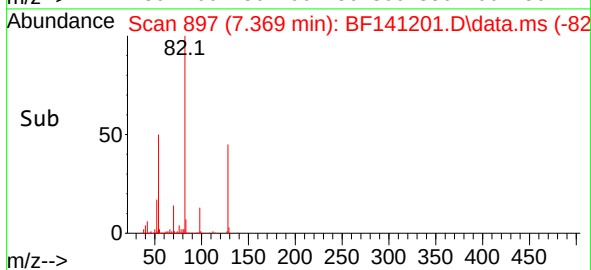
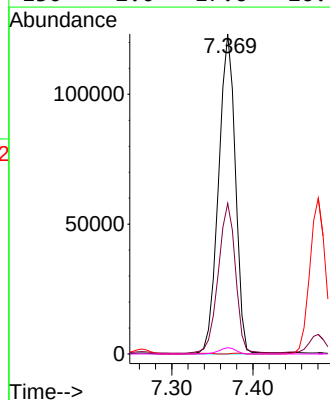
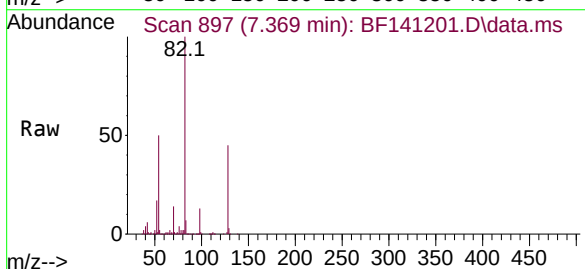
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.4
71	36.1	27.6	41.4

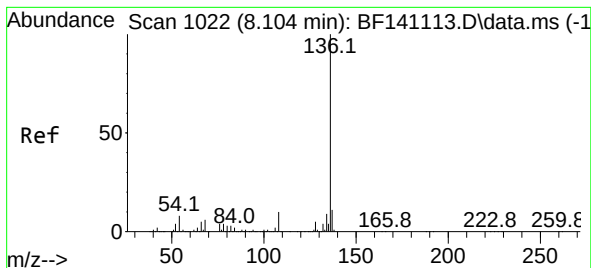


#19
n-Nitroso-di-n-propylamine
Concen: 19.317 ng
RT: 7.369 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF141201.D
Acq: 17 Jan 2025 18:59

Tgt Ion: 70 Resp: 178671

Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.8	71.6#
101	0.0	7.9	11.9#
130	2.0	17.6	26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.018 min

Lab File: BF141201.D

Acq: 17 Jan 2025 18:59

Instrument :

BNA_F

ClientSampleId :

72-11995

Tgt Ion:136 Resp: 760379

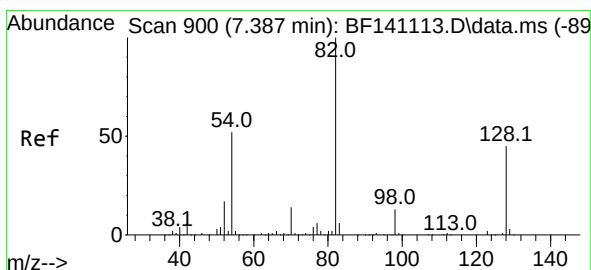
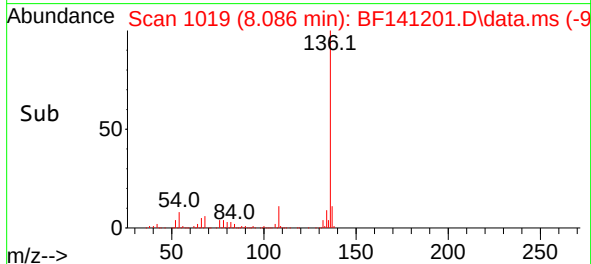
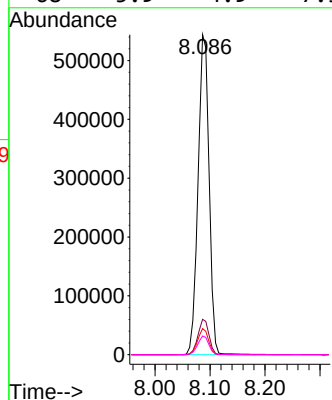
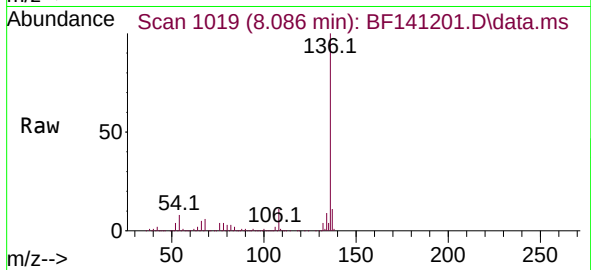
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.2 6.3 9.5

68 5.9 4.9 7.3



#23

Nitrobenzene-d5

Concen: 90.677 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.018 min

Lab File: BF141201.D

Acq: 17 Jan 2025 18:59

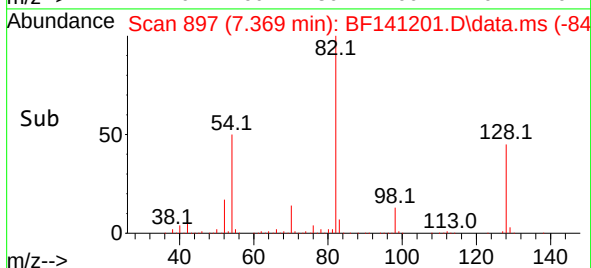
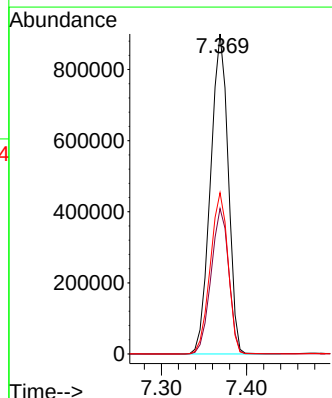
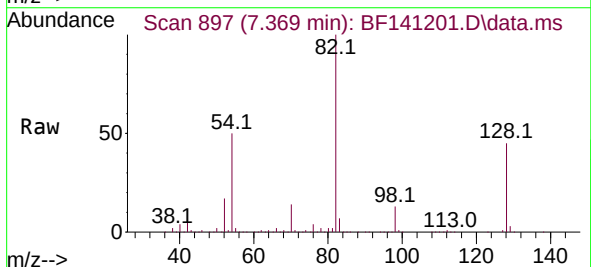
Tgt Ion: 82 Resp: 1300714

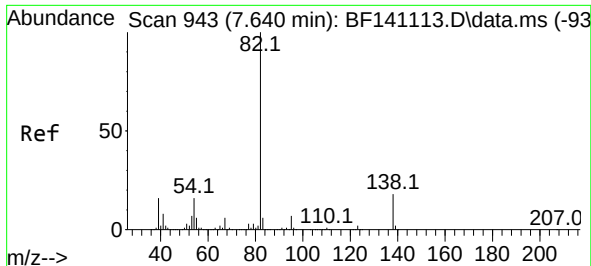
Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

54 50.4 41.0 61.4

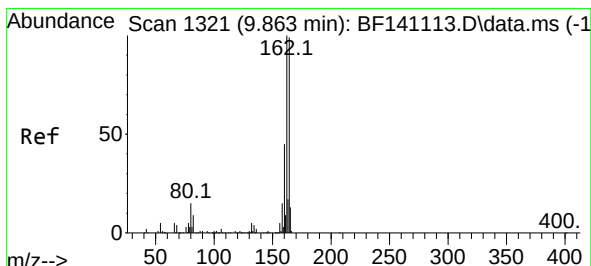
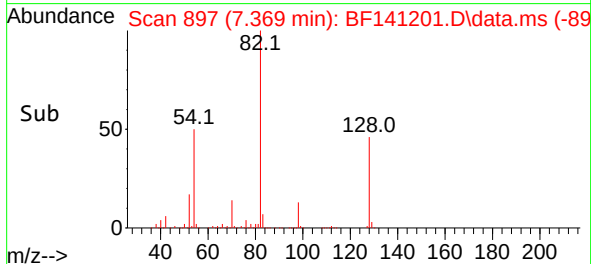
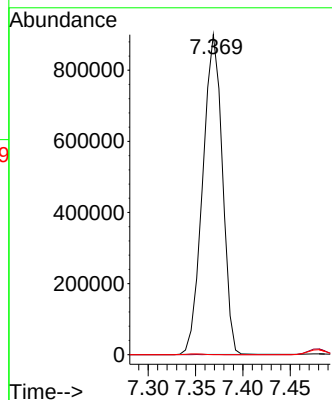
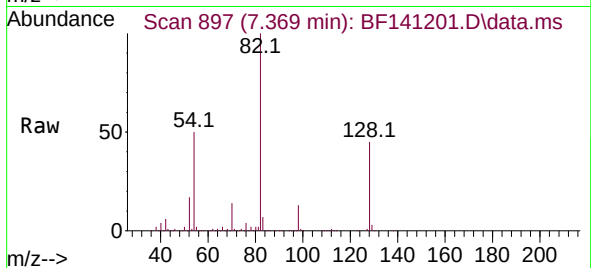




#25
Isophorone
Concen: 52.780 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.271 min
Lab File: BF141201.D
Acq: 17 Jan 2025 18:59

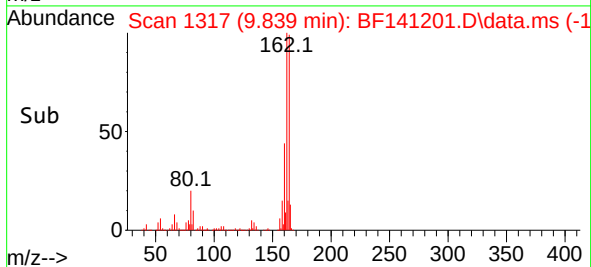
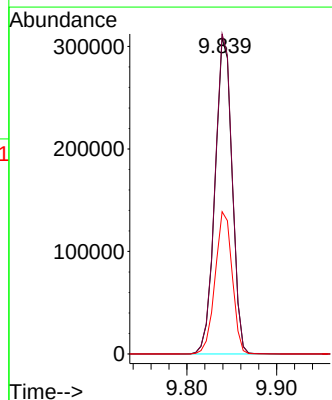
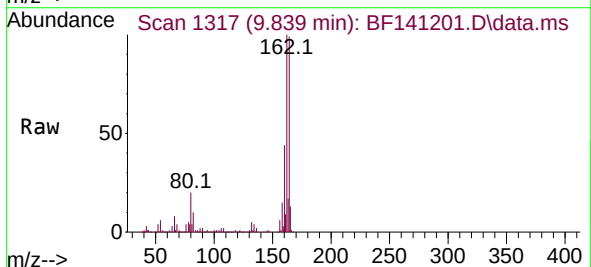
Instrument :
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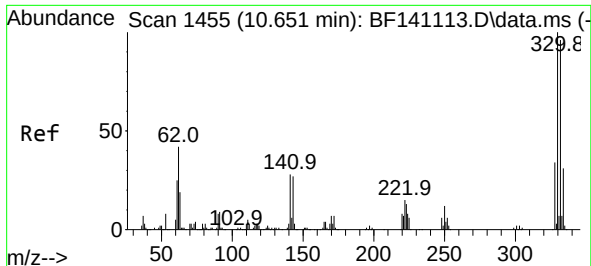
Tgt Ion: 82 Resp: 1293848
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.024 min
Lab File: BF141201.D
Acq: 17 Jan 2025 18:59

Tgt Ion:164 Resp: 407176
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 45.0 36.1 54.1

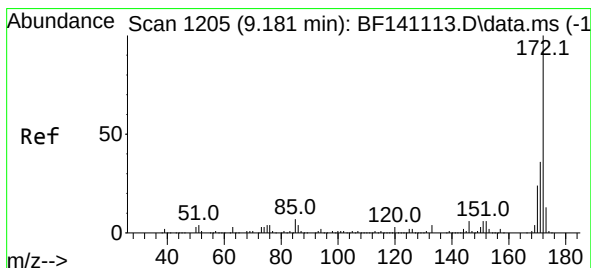
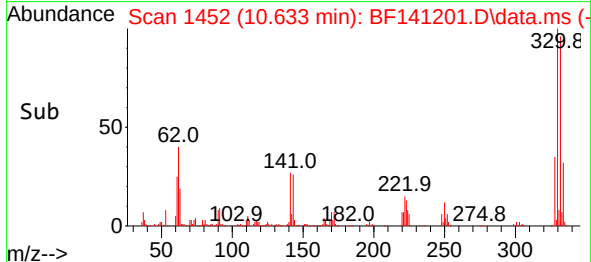
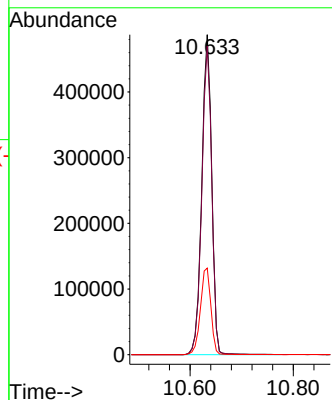
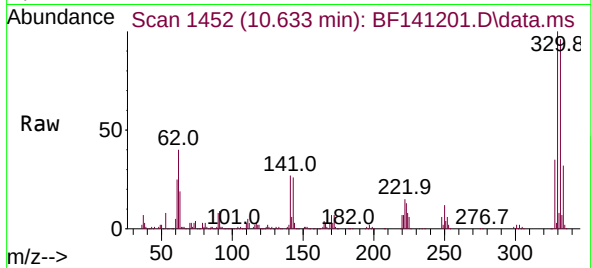




#42
2,4,6-Tribromophenol
Concen: 140.470 ng
RT: 10.633 min Scan# 1455
Delta R.T. -0.018 min
Lab File: BF141201.D
Acq: 17 Jan 2025 18:59

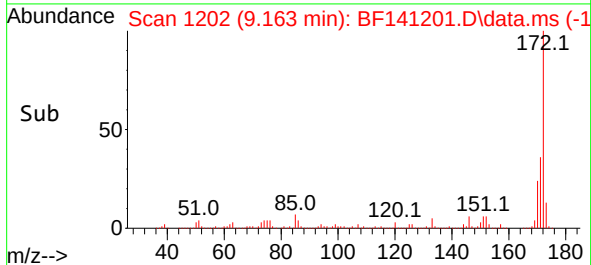
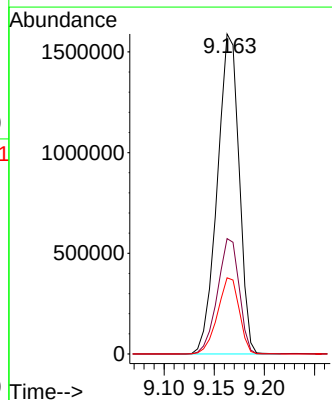
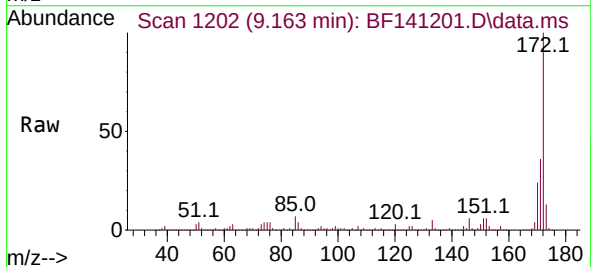
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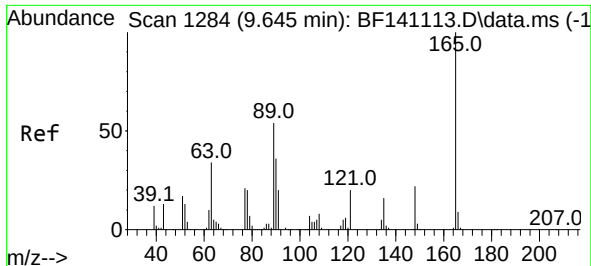
Tgt Ion:330 Resp: 651710
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 28.4 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 89.981 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.018 min
Lab File: BF141201.D
Acq: 17 Jan 2025 18:59

Tgt Ion:172 Resp: 2399276
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.8 19.0 28.6

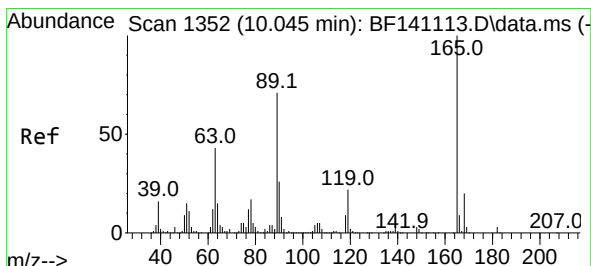
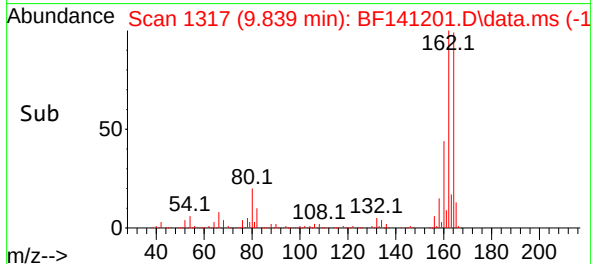
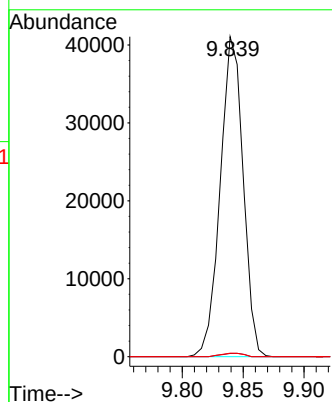
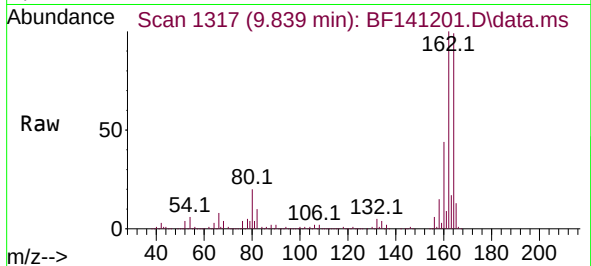




#51
2,6-Dinitrotoluene
Concen: 8.455 ng
RT: 9.839 min Scan# 1317
Delta R.T. 0.194 min
Lab File: BF141201.D
Acq: 17 Jan 2025 18:59

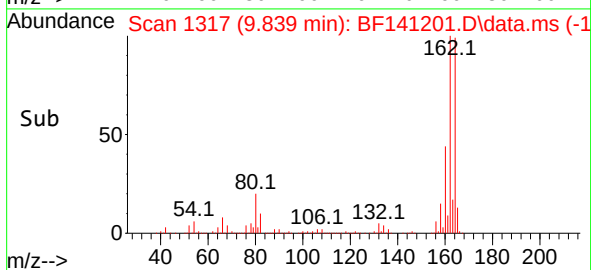
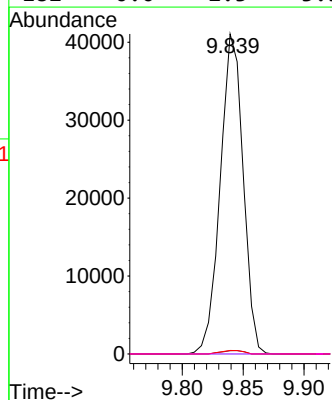
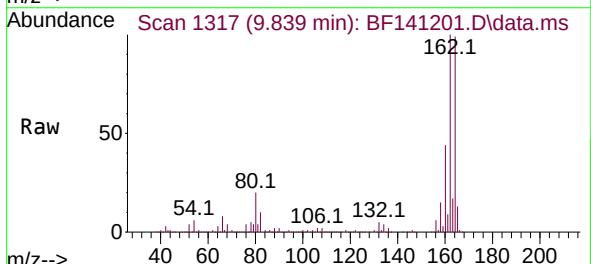
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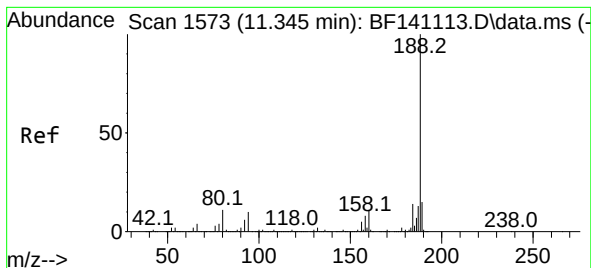
Tgt Ion:165 Resp: 53746
Ion Ratio Lower Upper
165 100
63 1.0 42.3 63.5#
89 1.1 43.1 64.7#



#57
2,4-Dinitrotoluene
Concen: 6.561 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.206 min
Lab File: BF141201.D
Acq: 17 Jan 2025 18:59

Tgt Ion:165 Resp: 53746
Ion Ratio Lower Upper
165 100
63 1.0 35.0 52.4#
89 1.1 56.7 85.1#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141201.D

Acq: 17 Jan 2025 18:59

Instrument :

BNA_F

ClientSampleId :

72-11995

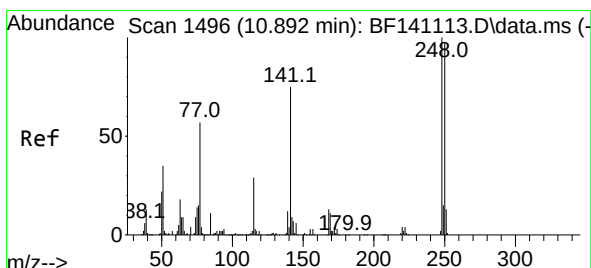
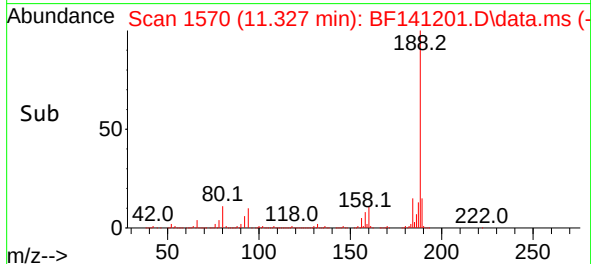
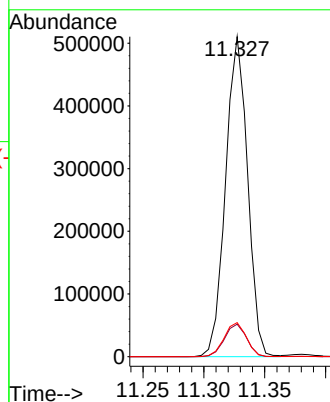
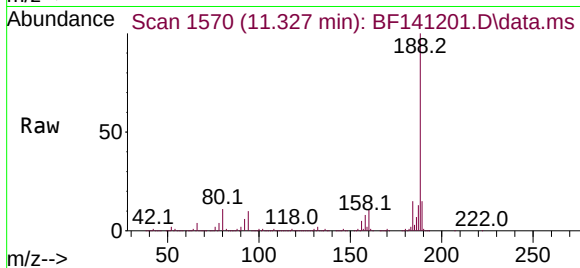
Tgt Ion:188 Resp: 640808

Ion Ratio Lower Upper

188 100

94 10.2 8.3 12.5

80 10.6 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.361 ng

RT: 10.633 min Scan# 1452

Delta R.T. -0.259 min

Lab File: BF141201.D

Acq: 17 Jan 2025 18:59

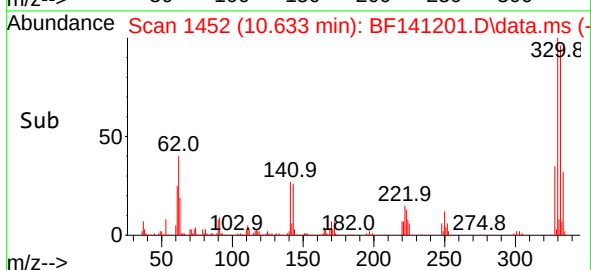
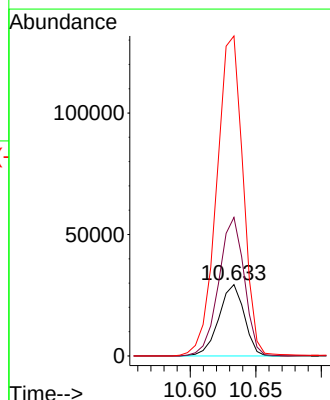
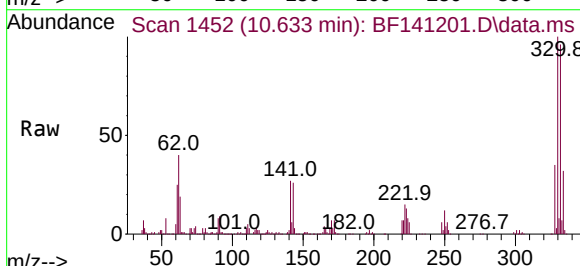
Tgt Ion:248 Resp: 39549

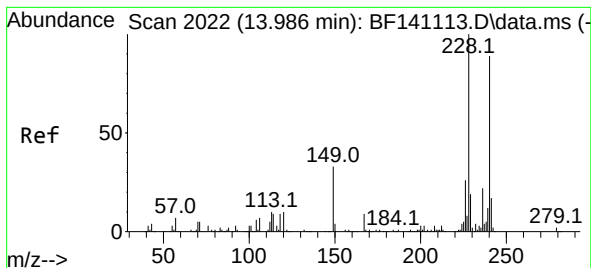
Ion Ratio Lower Upper

248 100

250 194.0 77.9 116.9#

141 447.9 59.9 89.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF141201.D

Acq: 17 Jan 2025 18:59

Instrument :

BNA_F

ClientSampleId :

72-11995

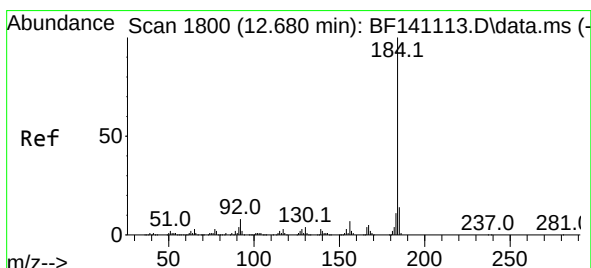
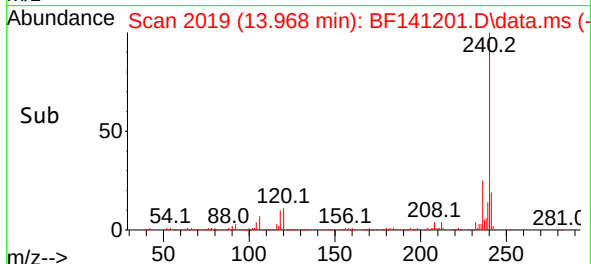
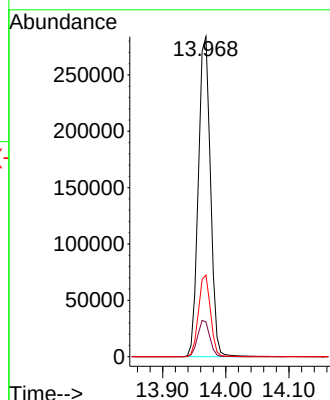
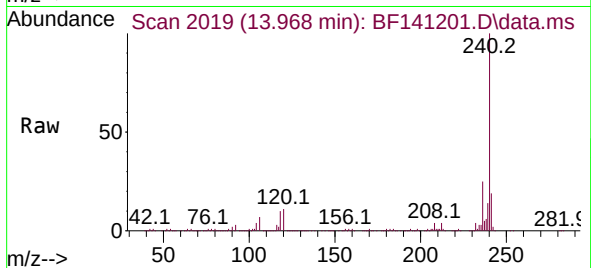
Tgt Ion:240 Resp: 377870

Ion Ratio Lower Upper

240 100

120 10.8 9.1 13.7

236 25.5 19.8 29.6



#77

Benidine

Concen: 4.030 ng

RT: 12.915 min Scan# 1840

Delta R.T. 0.235 min

Lab File: BF141201.D

Acq: 17 Jan 2025 18:59

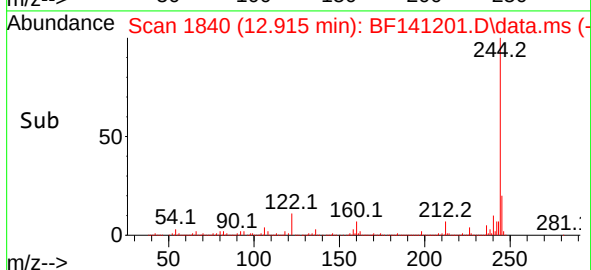
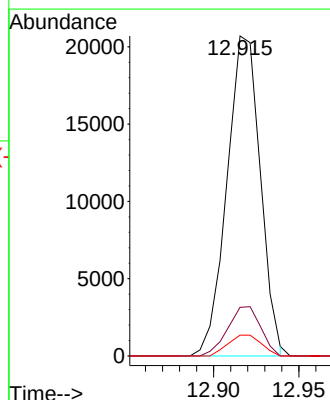
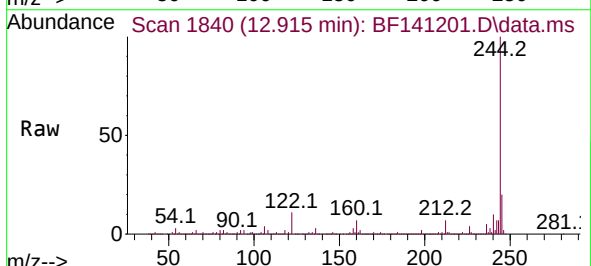
Tgt Ion:184 Resp: 28239

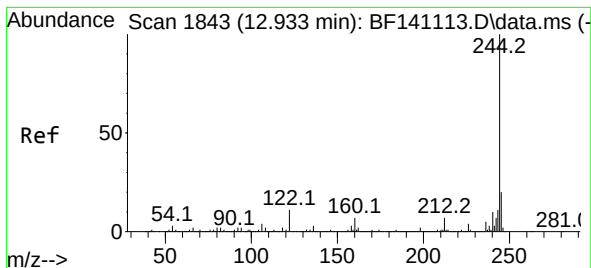
Ion Ratio Lower Upper

184 100

185 15.2 11.4 17.0

183 6.5 9.2 13.8#





#79

Terphenyl-d14

Concen: 87.360 ng

RT: 12.921 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF141201.D

Acq: 17 Jan 2025 18:59

Instrument :

BNA_F

ClientSampleId :

72-11995

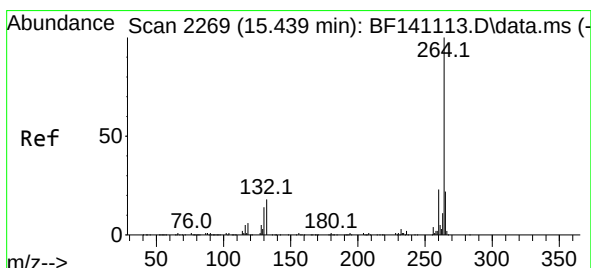
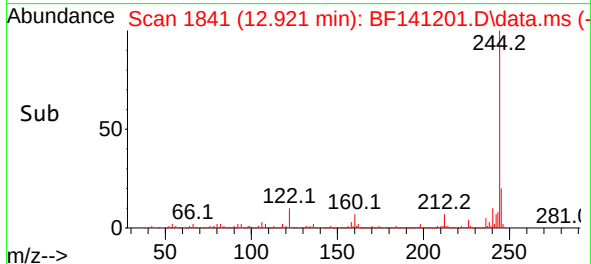
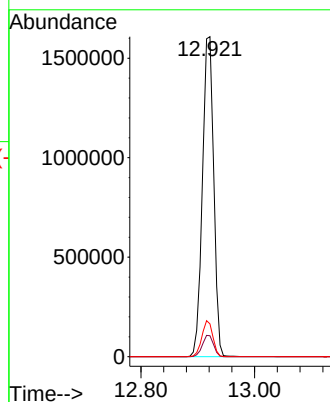
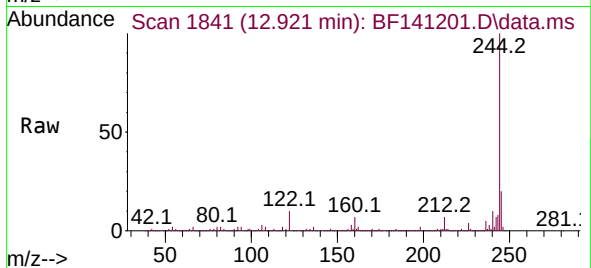
Tgt Ion:244 Resp: 2220985

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.2 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF141201.D

Acq: 17 Jan 2025 18:59

Tgt Ion:264 Resp: 383240

Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

265 22.0 17.4 26.0

