

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139953.D
 Acq On : 23 Oct 2024 09:48
 Operator : RC/JU
 Sample : PB164020BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164020BL

Quant Time: Oct 23 11:11:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

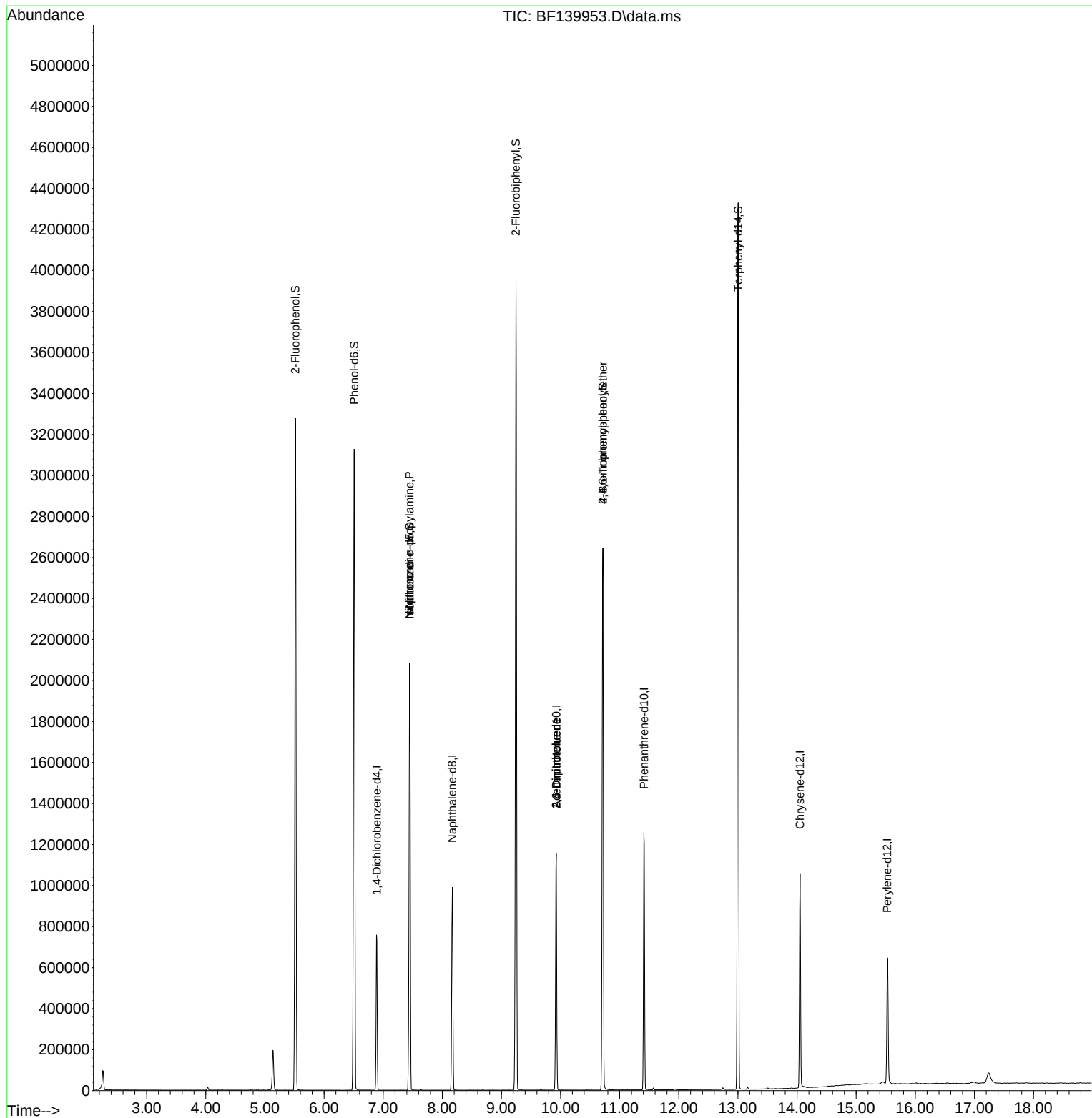
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	157434	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	620371	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	355818	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	672283	20.000	ng	0.00
76) Chrysene-d12	14.051	240	479376	20.000	ng	0.00
86) Perylene-d12	15.527	264	375898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1267564	126.044	ng	0.02
7) Phenol-d6	6.510	99	1597316	122.636	ng	0.00
23) Nitrobenzene-d5	7.445	82	1039182	92.840	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	500157	150.278	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1870132	86.864	ng	0.00
79) Terphenyl-d14	13.004	244	2367451	80.474	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	138898	17.583	ng	# 76
25) Isophorone	7.445	82	1035748	48.753	ng	# 67
51) 2,6-Dinitrotoluene	9.928	165	46409	9.671	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	46409	7.864	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	32361	4.673	ng	# 1

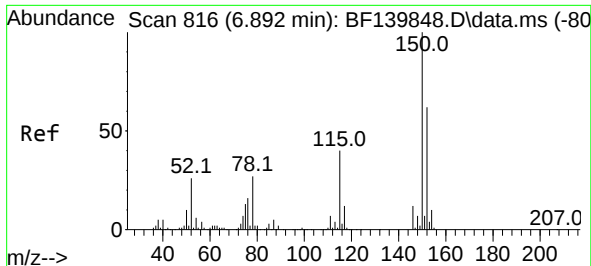
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139953.D
Acq On : 23 Oct 2024 09:48
Operator : RC/JU
Sample : PB164020BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164020BL

Quant Time: Oct 23 11:11:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

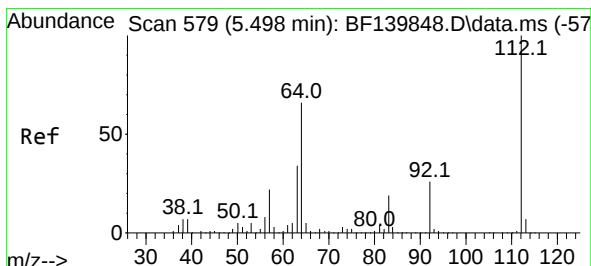
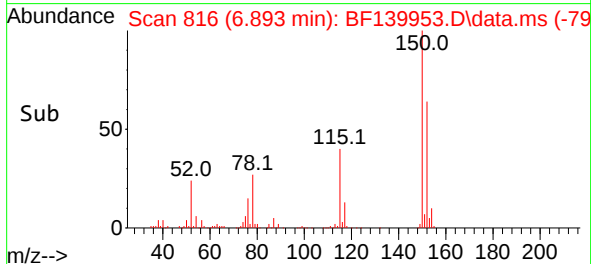
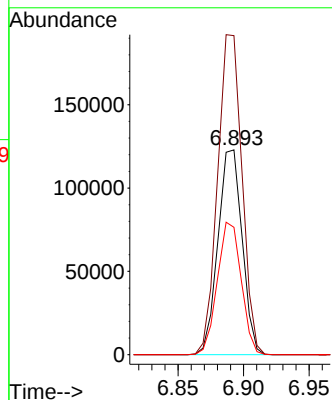
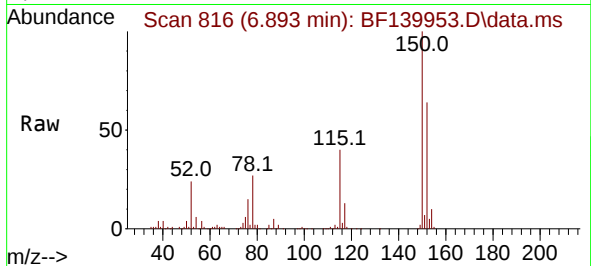




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139953.D
Acq: 23 Oct 2024 09:48

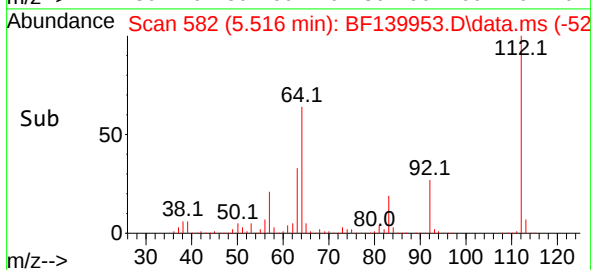
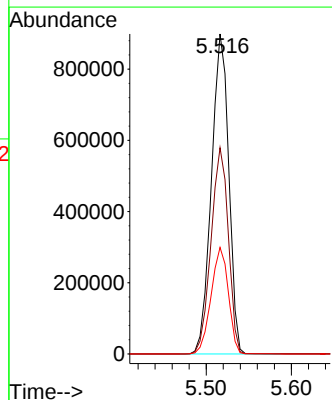
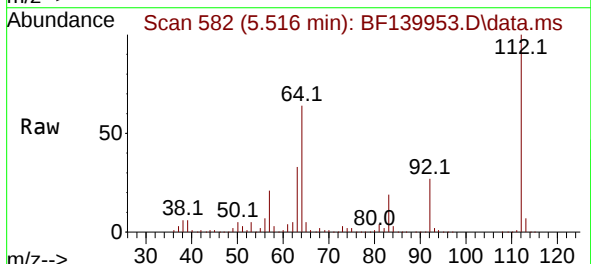
Instrument :
BNA_F
ClientSampleId :
PB164020BL

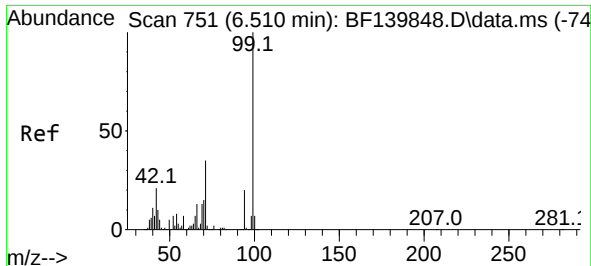
Tgt Ion:152 Resp: 157434
Ion Ratio Lower Upper
152 100
150 155.8 130.2 195.2
115 62.2 51.4 77.2



#5
2-Fluorophenol
Concen: 126.044 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139953.D
Acq: 23 Oct 2024 09:48

Tgt Ion:112 Resp: 1267564
Ion Ratio Lower Upper
112 100
64 64.4 53.0 79.6
63 33.3 27.0 40.4

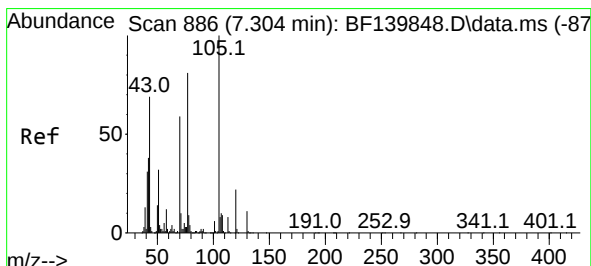
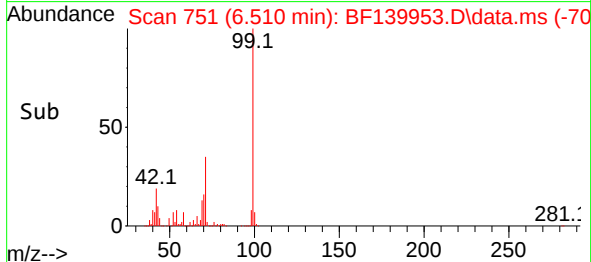
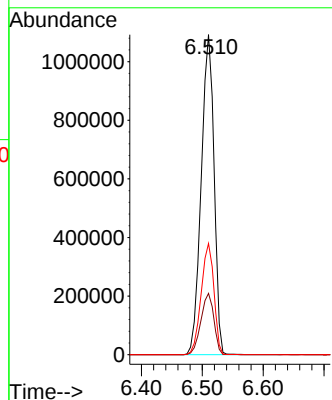
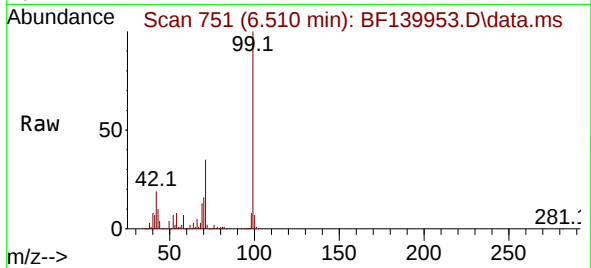




#7
Phenol-d6
Concen: 122.636 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139953.D
Acq: 23 Oct 2024 09:48

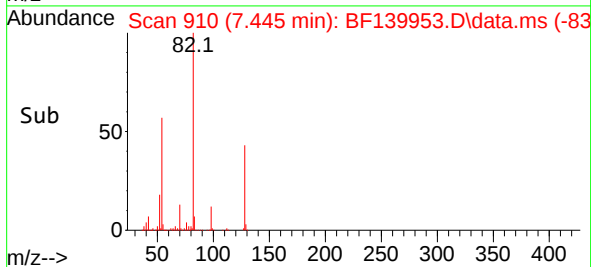
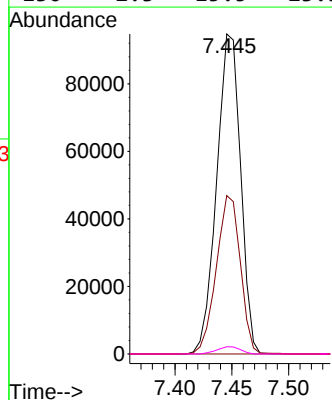
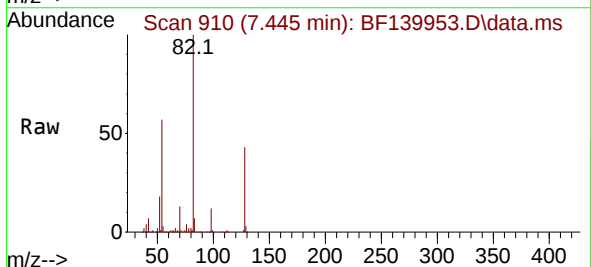
Instrument :
BNA_F
ClientSampleId :
PB164020BL

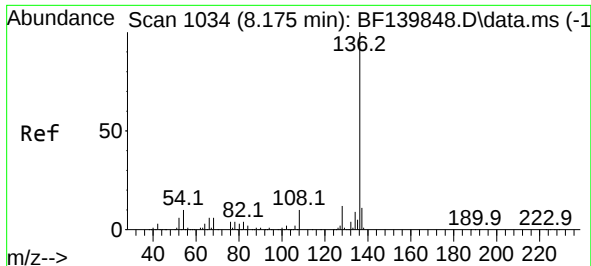
Tgt Ion: 99 Resp: 1597316
Ion Ratio Lower Upper
99 100
42 19.2 16.7 25.1
71 34.8 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.583 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139953.D
Acq: 23 Oct 2024 09:48

Tgt Ion: 70 Resp: 138898
Ion Ratio Lower Upper
70 100
42 49.5 51.5 77.3#
101 0.0 7.5 11.3#
130 2.3 15.5 23.3#



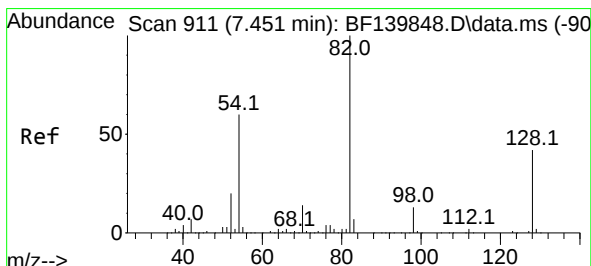
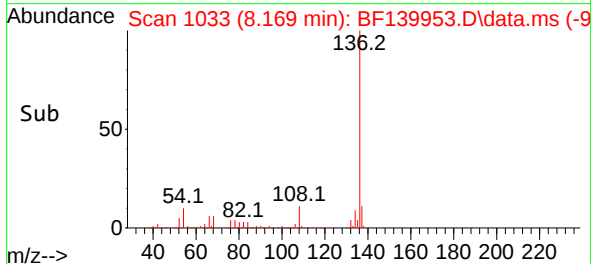
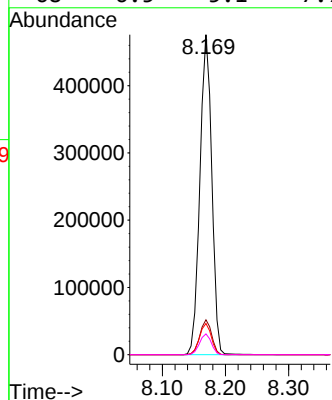
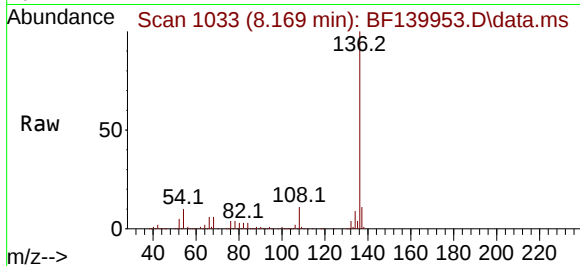


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139953.D
Acq: 23 Oct 2024 09:48

Instrument :
BNA_F
ClientSampleId :
PB164020BL

Tgt Ion:136 Resp: 620371

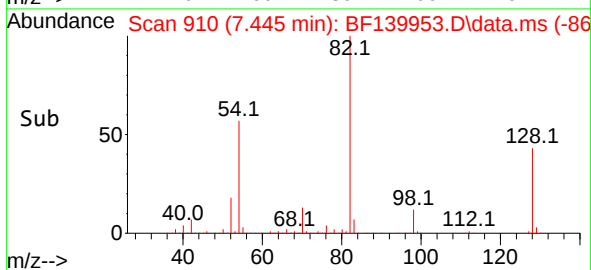
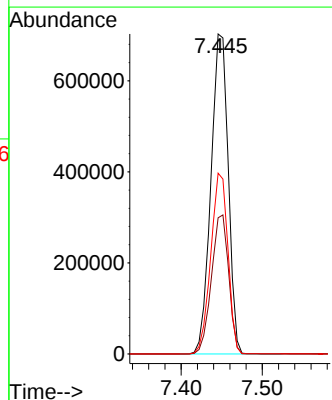
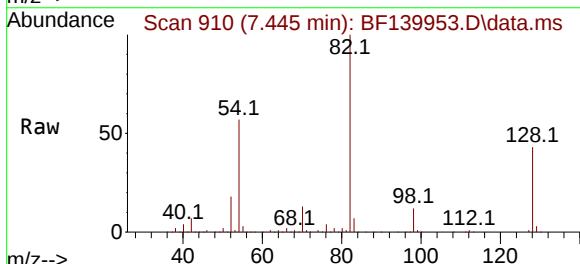
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.8	8.4	12.6
68	6.5	5.1	7.7

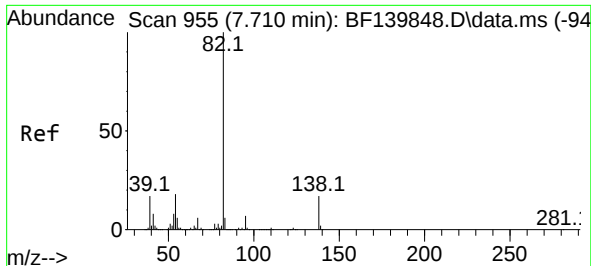


#23
Nitrobenzene-d5
Concen: 92.840 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139953.D
Acq: 23 Oct 2024 09:48

Tgt Ion: 82 Resp: 1039182

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.4	50.0
54	56.5	47.8	71.8





#25

Isophorone

Concen: 48.753 ng

RT: 7.445 min Scan# 91

Delta R.T. -0.264 min

Lab File: BF139953.D

Acq: 23 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

PB164020BL

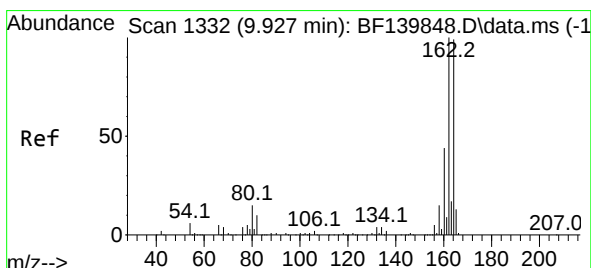
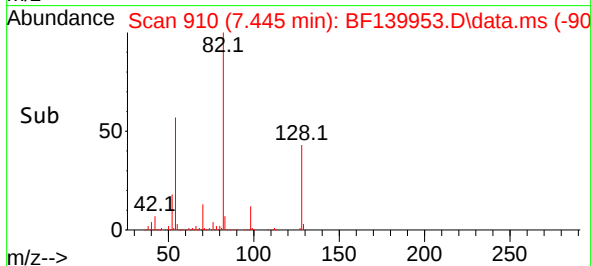
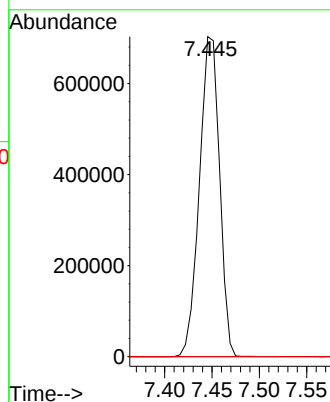
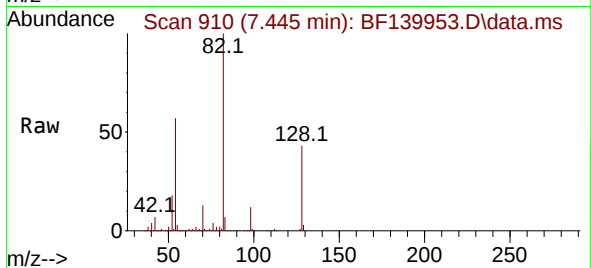
Tgt Ion: 82 Resp: 1035748

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 13.2 19.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1332

Delta R.T. 0.001 min

Lab File: BF139953.D

Acq: 23 Oct 2024 09:48

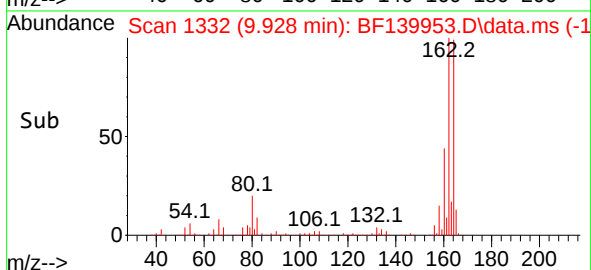
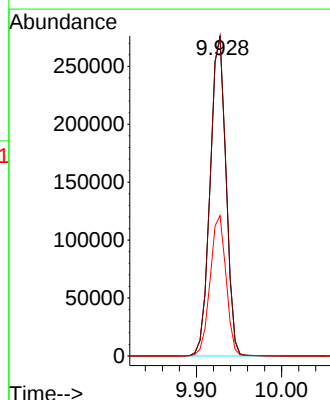
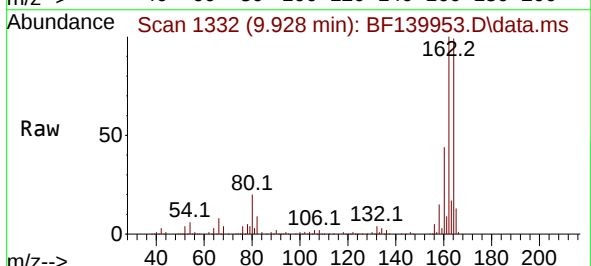
Tgt Ion:164 Resp: 355818

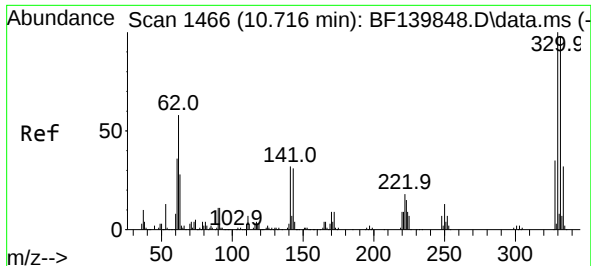
Ion Ratio Lower Upper

164 100

162 100.6 81.0 121.4

160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 150.278 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139953.D

Acq: 23 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

PB164020BL

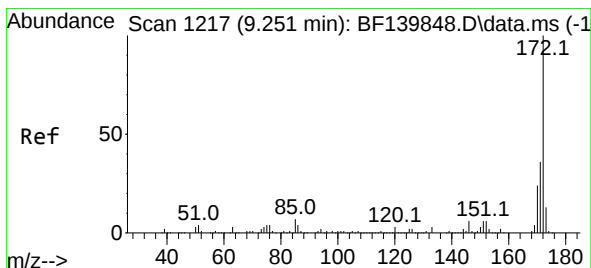
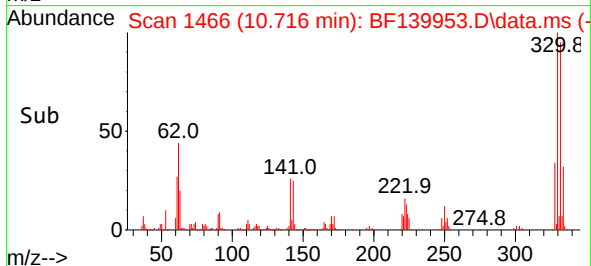
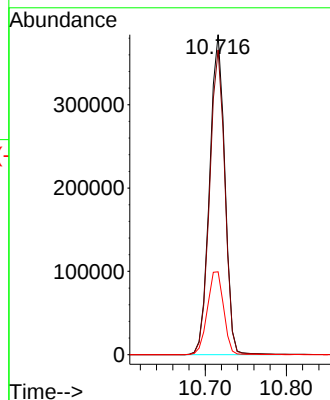
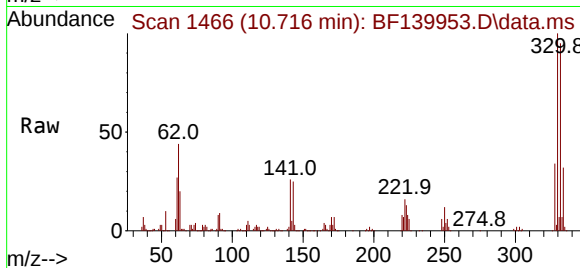
Tgt Ion:330 Resp: 500157

Ion Ratio Lower Upper

330 100

332 95.5 78.1 117.1

141 27.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 86.864 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139953.D

Acq: 23 Oct 2024 09:48

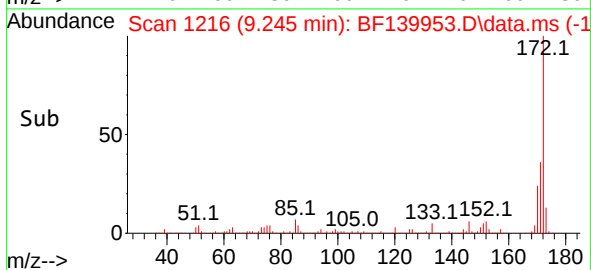
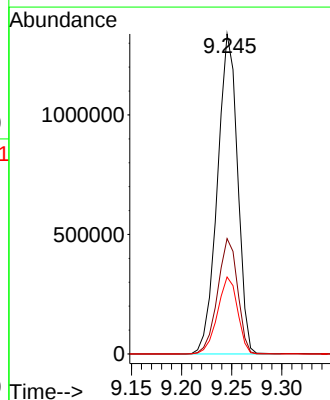
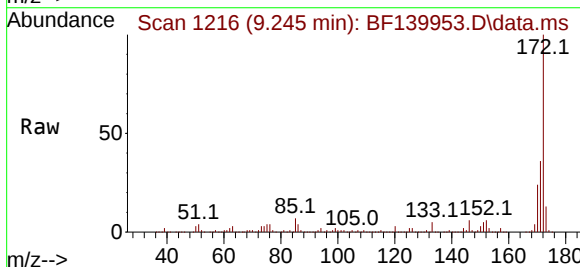
Tgt Ion:172 Resp: 1870132

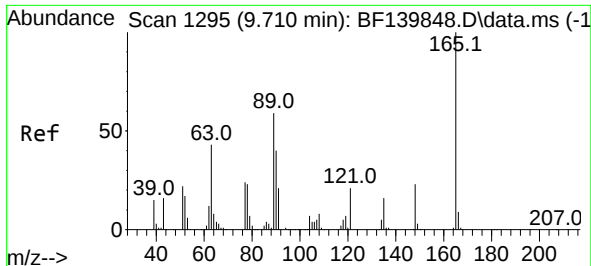
Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 24.1 19.1 28.7

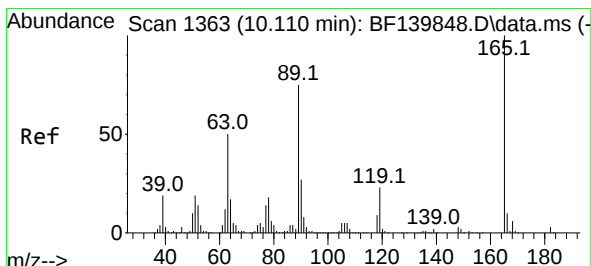
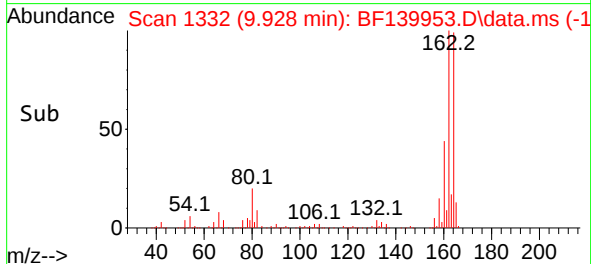
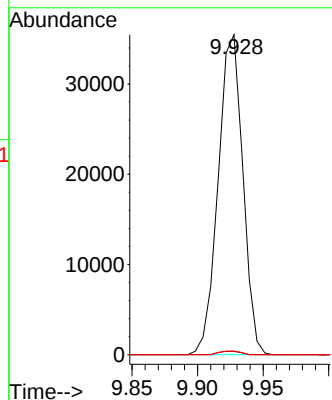
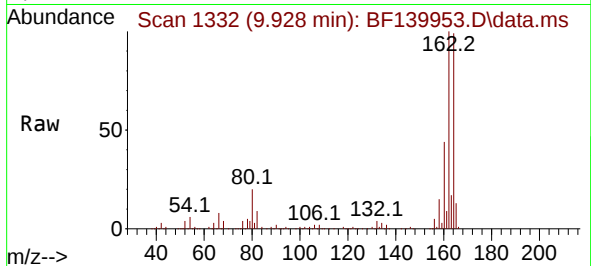




#51
2,6-Dinitrotoluene
Concen: 9.671 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF139953.D
Acq: 23 Oct 2024 09:48

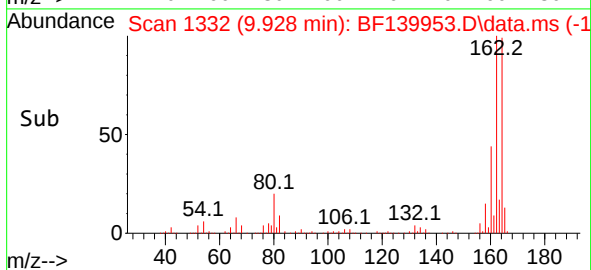
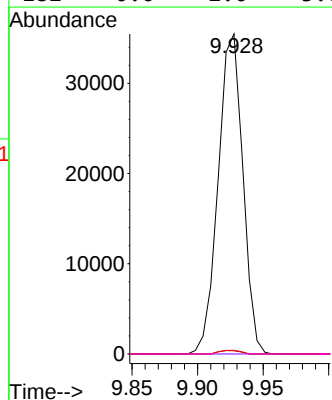
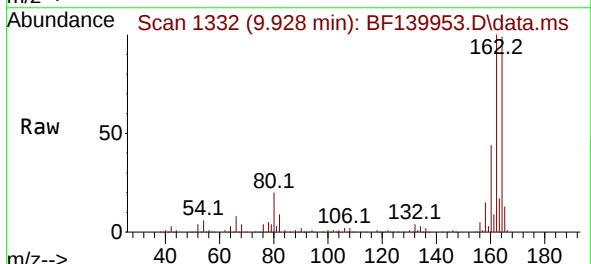
Instrument :
BNA_F
ClientSampleId :
PB164020BL

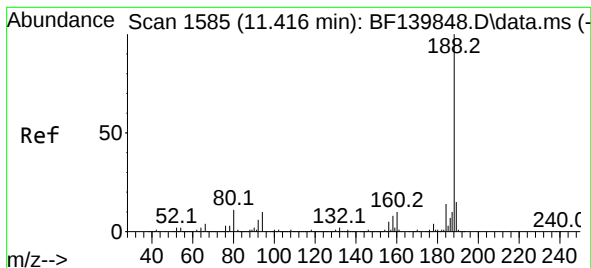
Tgt Ion:165 Resp: 46409
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.864 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF139953.D
Acq: 23 Oct 2024 09:48

Tgt Ion:165 Resp: 46409
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139953.D

Acq: 23 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

PB164020BL

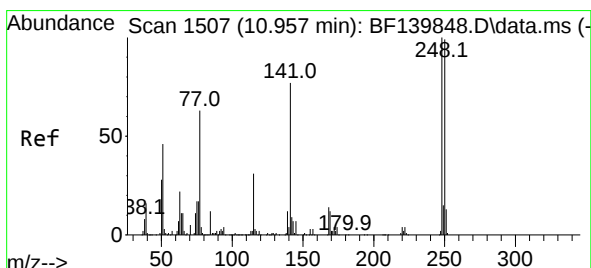
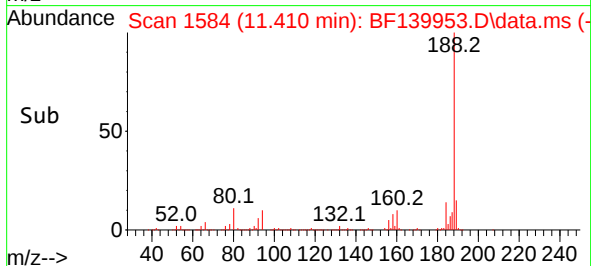
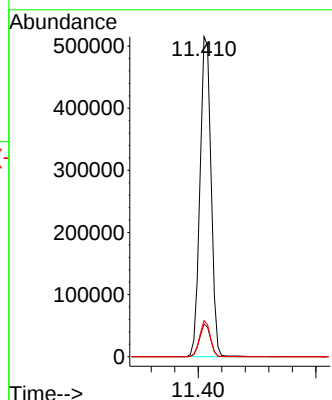
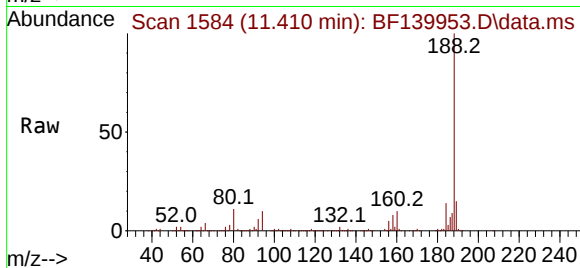
Tgt Ion:188 Resp: 672283

Ion Ratio Lower Upper

188 100

94 10.2 7.9 11.9

80 11.2 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.673 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139953.D

Acq: 23 Oct 2024 09:48

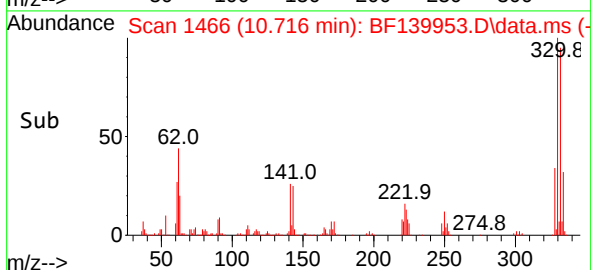
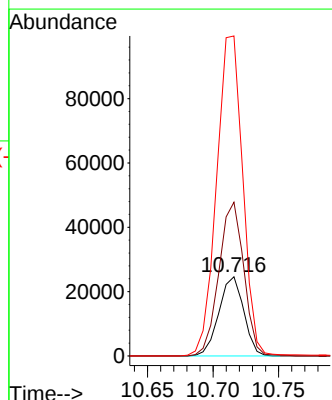
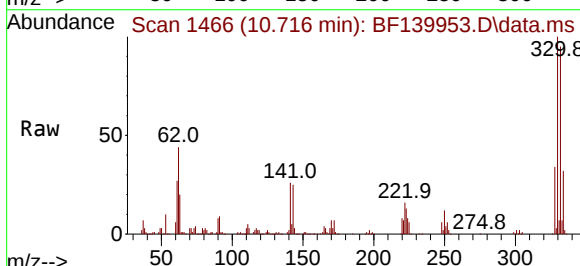
Tgt Ion:248 Resp: 32361

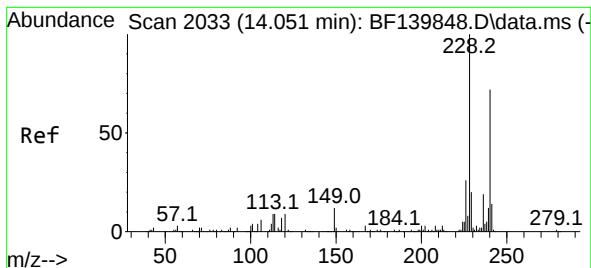
Ion Ratio Lower Upper

248 100

250 194.3 79.0 118.6#

141 404.4 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139953.D

Acq: 23 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

PB164020BL

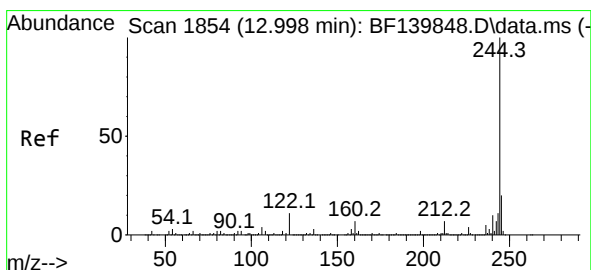
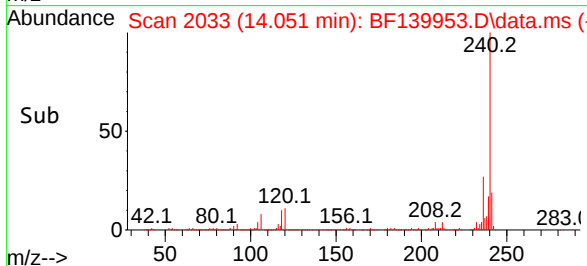
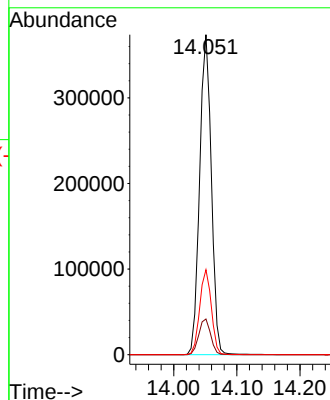
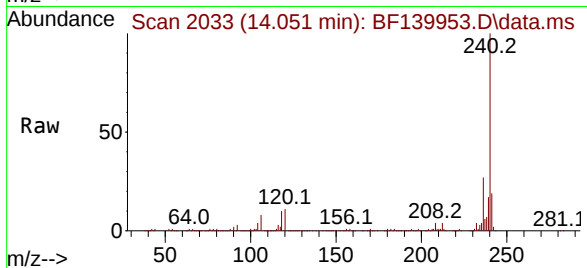
Tgt Ion:240 Resp: 479376

Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.2

236 26.6 20.9 31.3



#79

Terphenyl-d14

Concen: 80.474 ng

RT: 13.004 min Scan# 1855

Delta R.T. 0.006 min

Lab File: BF139953.D

Acq: 23 Oct 2024 09:48

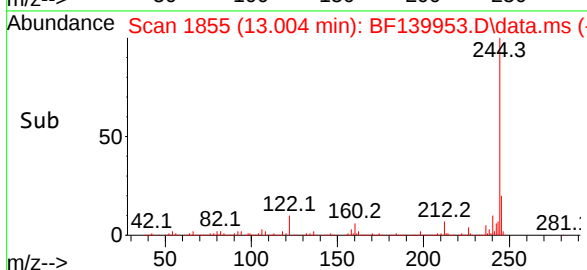
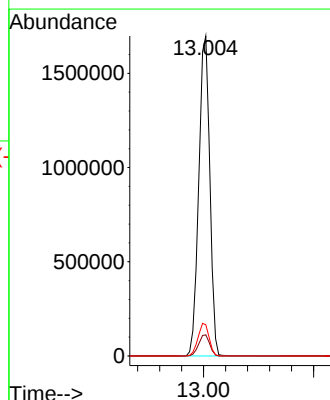
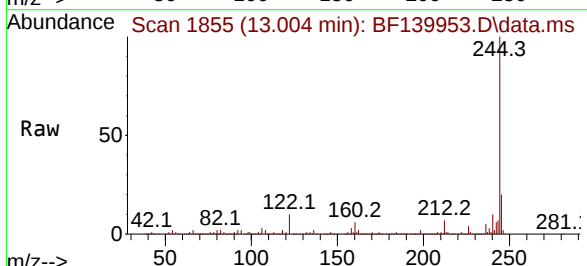
Tgt Ion:244 Resp: 2367451

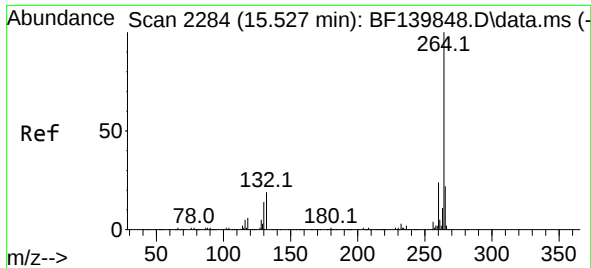
Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

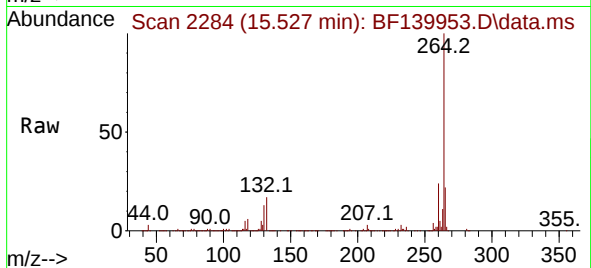
122 9.7 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139953.D
 Acq: 23 Oct 2024 09:48

Instrument :
 BNA_F
 ClientSampleId :
 PB164020BL



Tgt Ion:264 Resp: 375898
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.9 17.4 26.0

