

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139920.D
 Acq On : 22 Oct 2024 11:05
 Operator : RC/JU
 Sample : PB164071BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164071BL

Quant Time: Oct 22 13:23:08 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)

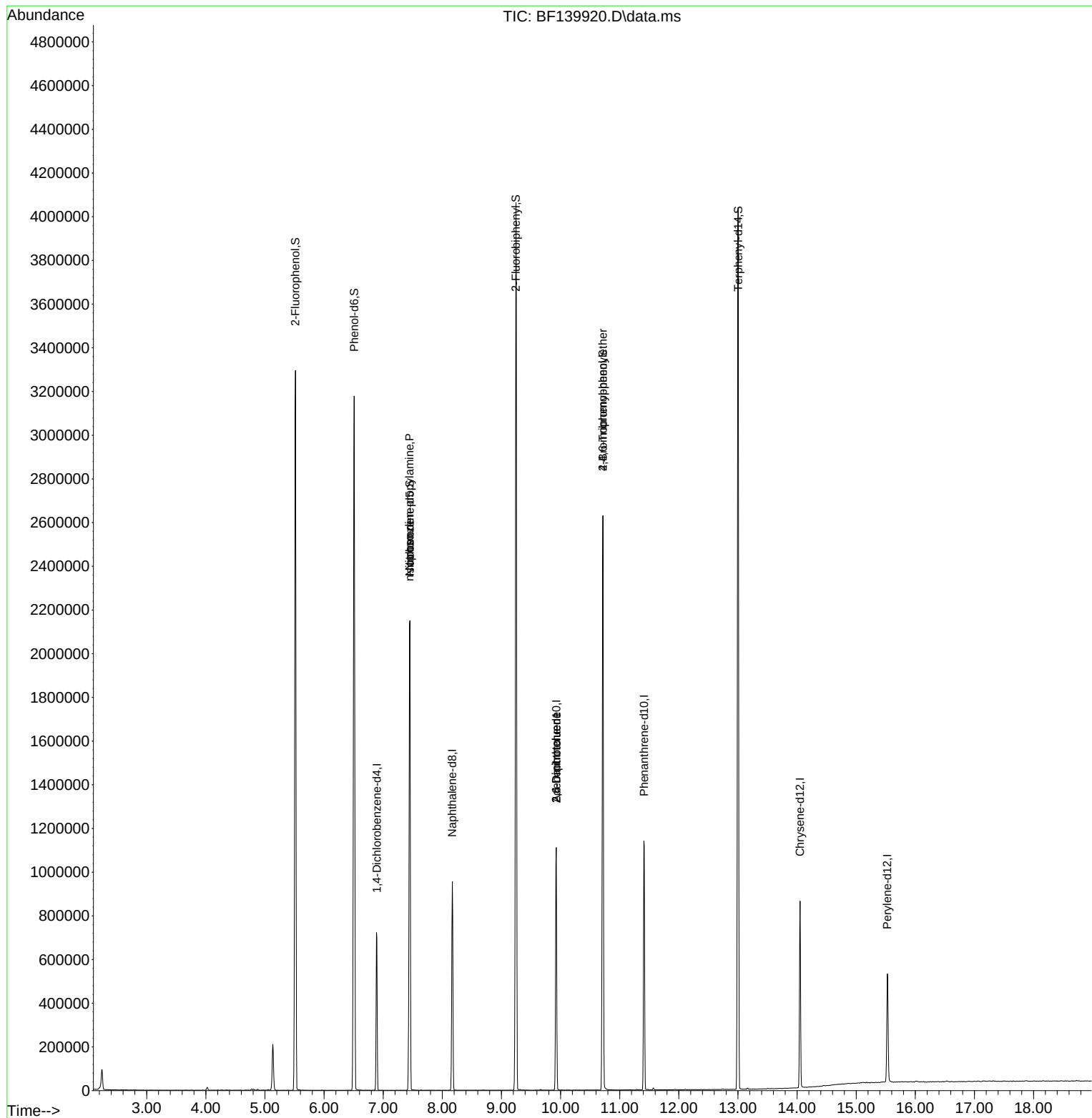
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	150261	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	593957	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	338069	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	611789	20.000	ng	0.00
76) Chrysene-d12	14.051	240	390858	20.000	ng	0.00
86) Perylene-d12	15.527	264	293996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1291484	134.553	ng	0.02
7) Phenol-d6	6.510	99	1640356	131.953	ng	0.00
23) Nitrobenzene-d5	7.451	82	1060228	98.933	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	475370	150.329	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1914793	93.607	ng	0.00
79) Terphenyl-d14	13.004	244	2158698	89.996	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	142814	18.942	ng	# 78
25) Isophorone	7.451	82	1057432	51.987	ng	# 67
51) 2,6-Dinitrotoluene	9.928	165	43480	9.536	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	43480	7.755	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	30227	4.796	ng	# 1

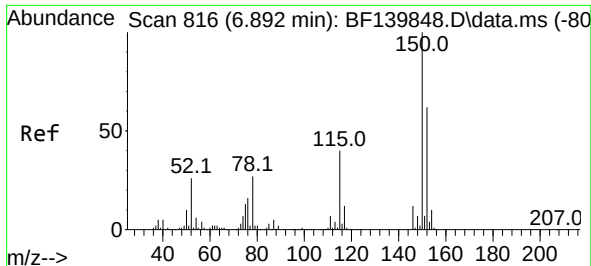
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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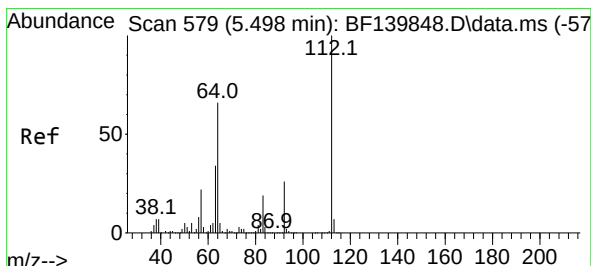
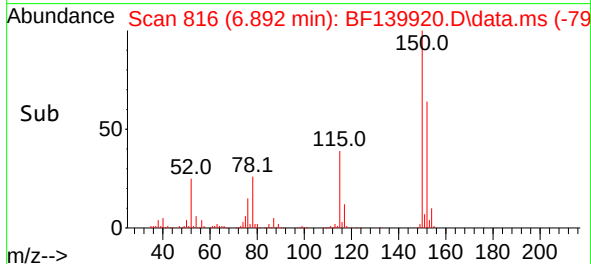
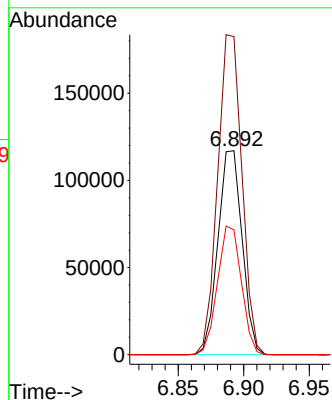
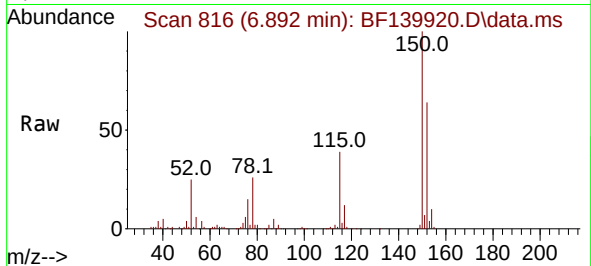




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139920.D
Acq: 22 Oct 2024 11:05

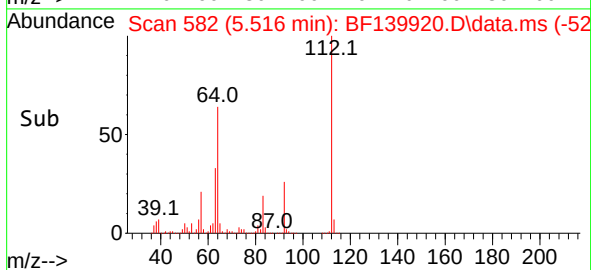
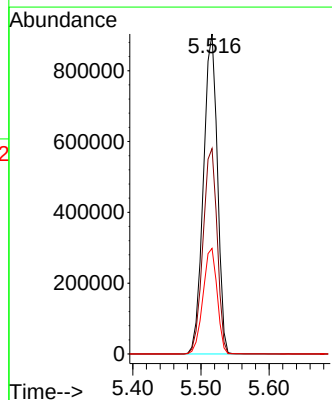
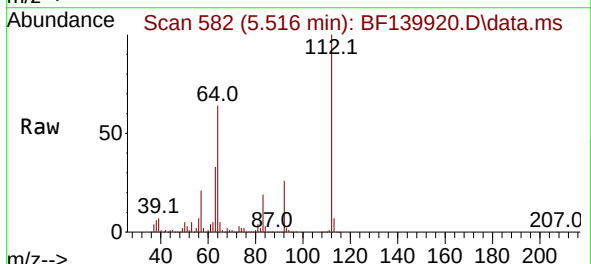
Instrument :
BNA_F
ClientSampleId :
PB164071BL

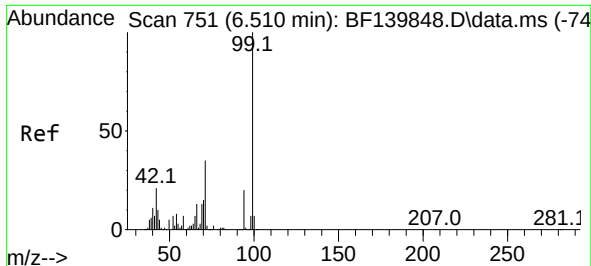
Tgt Ion:152 Resp: 150261
Ion Ratio Lower Upper
152 100
150 156.0 130.2 195.2
115 61.2 51.4 77.2



#5
2-Fluorophenol
Concen: 134.553 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139920.D
Acq: 22 Oct 2024 11:05

Tgt Ion:112 Resp: 1291484
Ion Ratio Lower Upper
112 100
64 64.2 53.0 79.6
63 33.0 27.0 40.4



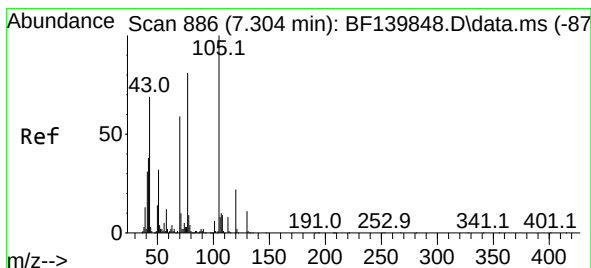
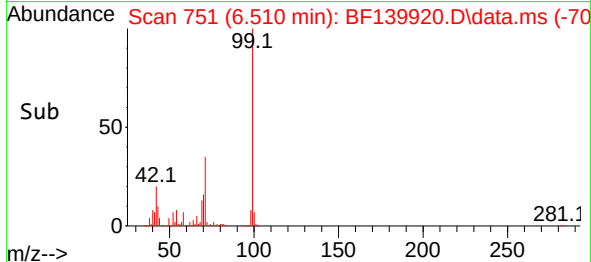
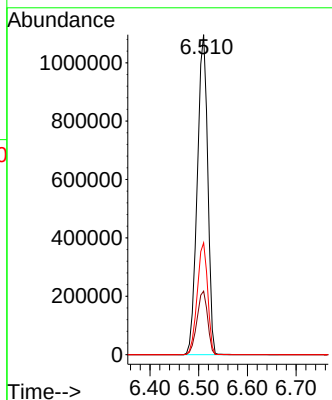
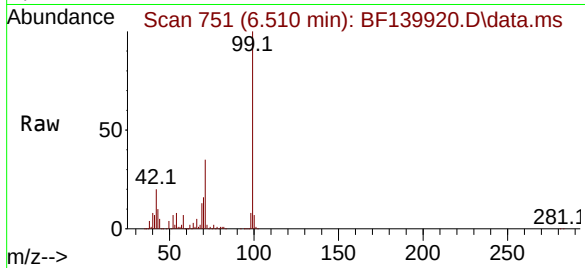


#7
Phenol-d6
Concen: 131.953 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139920.D
Acq: 22 Oct 2024 11:05

Instrument :
BNA_F
ClientSampleId :
PB164071BL

Tgt Ion: 99 Resp: 1640356

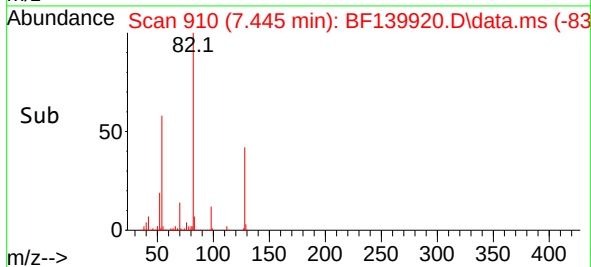
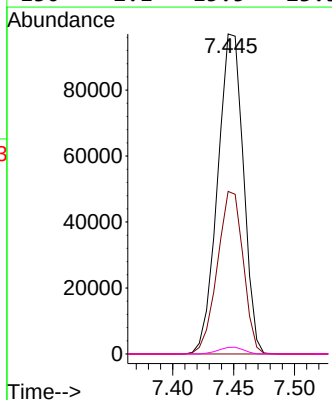
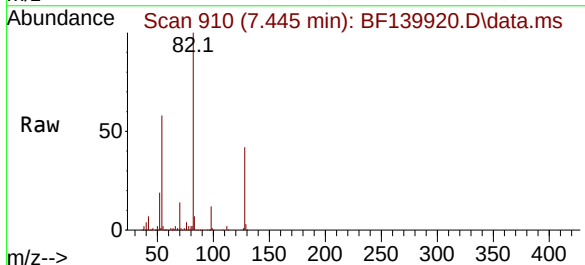
Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.7	25.1
71	35.0	27.7	41.5

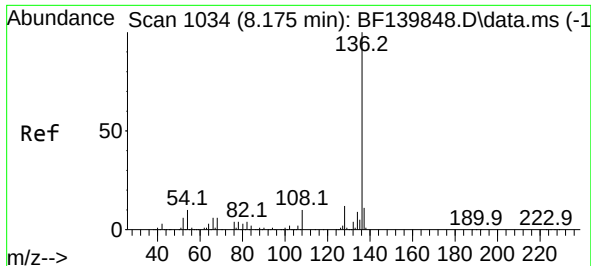


#19
n-Nitroso-di-n-propylamine
Concen: 18.942 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139920.D
Acq: 22 Oct 2024 11:05

Tgt Ion: 70 Resp: 142814

Ion	Ratio	Lower	Upper
70	100		
42	50.8	51.5	77.3#
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#



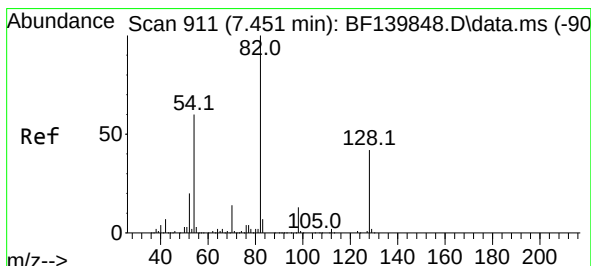
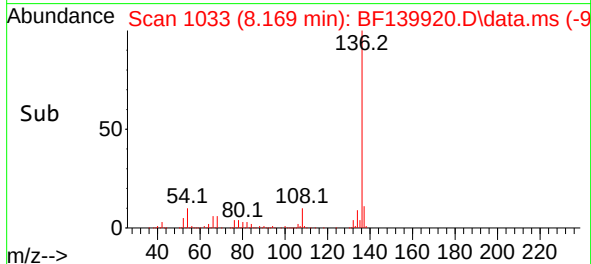
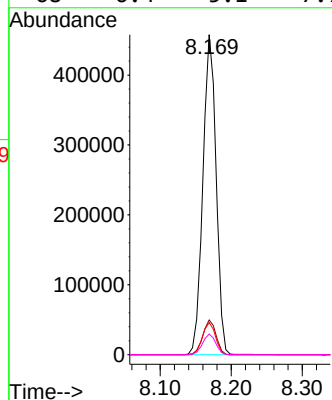
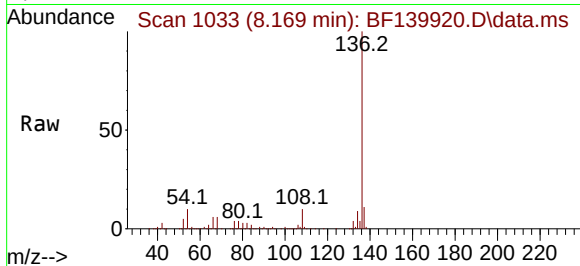


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139920.D
Acq: 22 Oct 2024 11:05

Instrument :
BNA_F
ClientSampleId :
PB164071BL

Tgt Ion:136 Resp: 593957

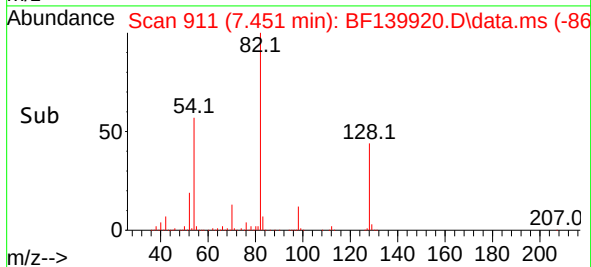
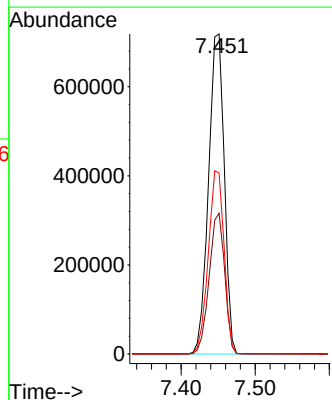
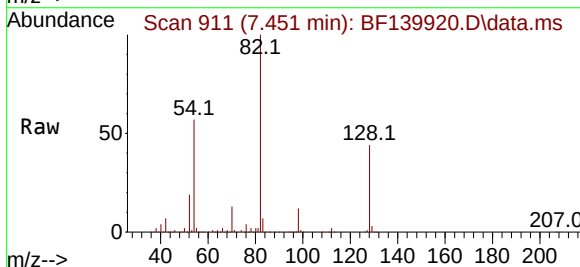
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.1	8.4	12.6
68	6.4	5.1	7.7

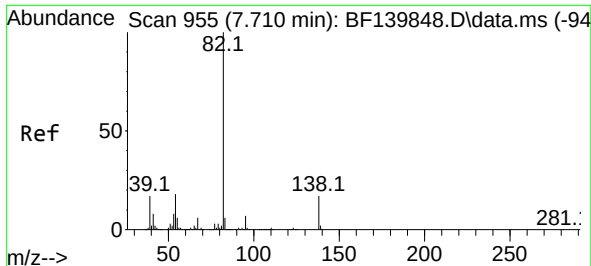


#23
Nitrobenzene-d5
Concen: 98.933 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139920.D
Acq: 22 Oct 2024 11:05

Tgt Ion: 82 Resp: 1060228

Ion	Ratio	Lower	Upper
82	100		
128	44.0	33.4	50.0
54	56.5	47.8	71.8

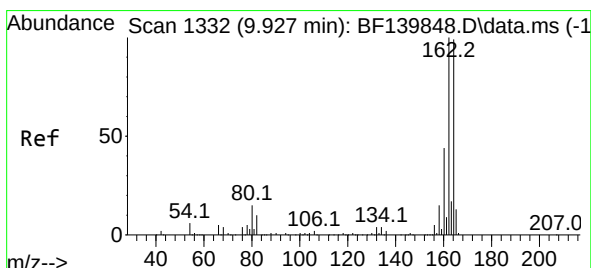
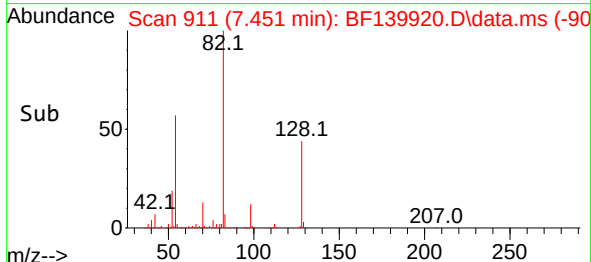
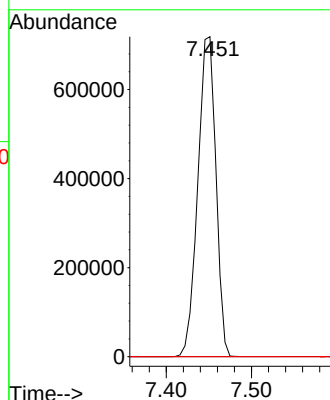
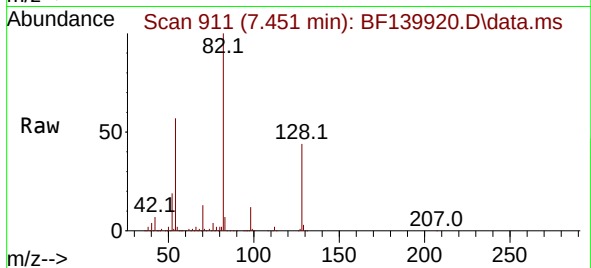




#25
Isophorone
Concen: 51.987 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139920.D
Acq: 22 Oct 2024 11:05

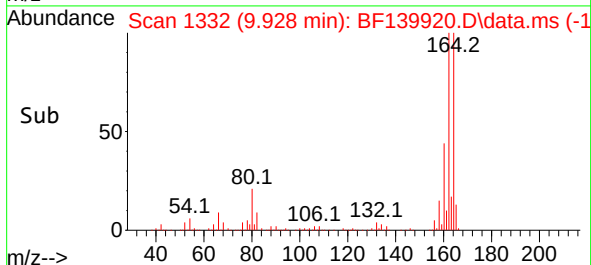
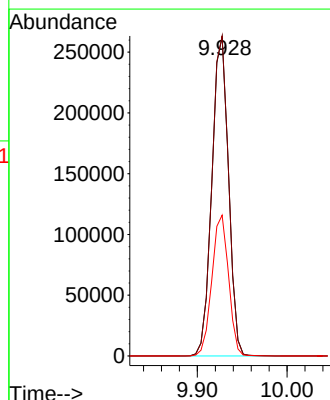
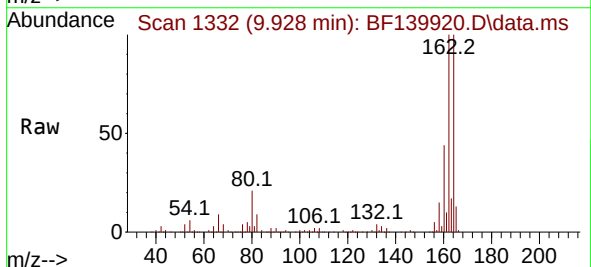
Instrument :
BNA_F
ClientSampleId :
PB164071BL

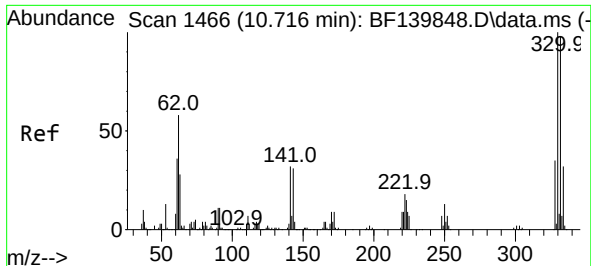
Tgt Ion: 82 Resp: 1057432
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139920.D
Acq: 22 Oct 2024 11:05

Tgt Ion:164 Resp: 338069
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 150.329 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139920.D

Acq: 22 Oct 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB164071BL

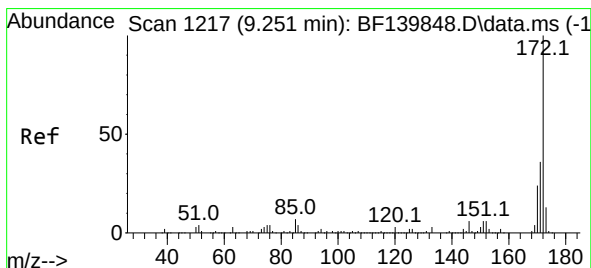
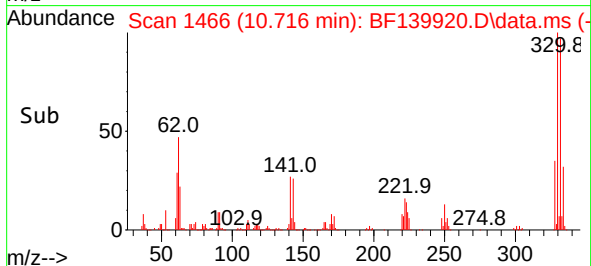
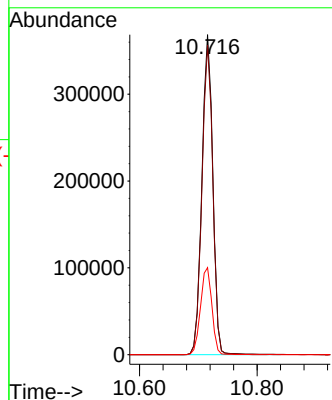
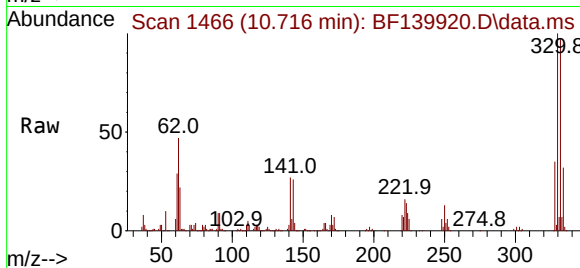
Tgt Ion:330 Resp: 475370

Ion Ratio Lower Upper

330 100

332 96.8 78.1 117.1

141 28.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 93.607 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139920.D

Acq: 22 Oct 2024 11:05

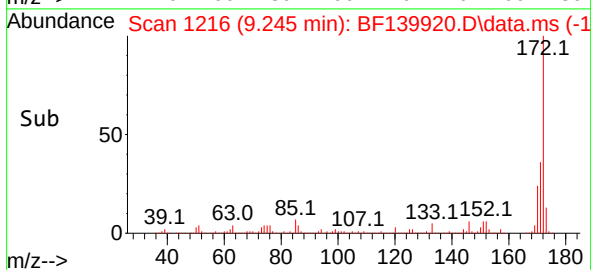
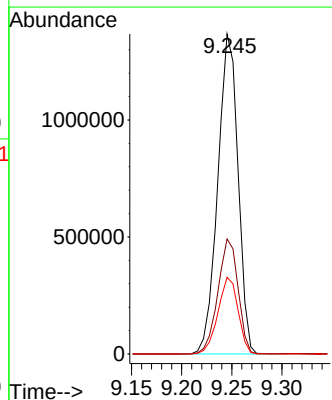
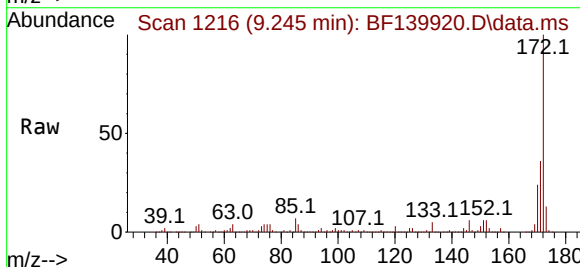
Tgt Ion:172 Resp: 1914793

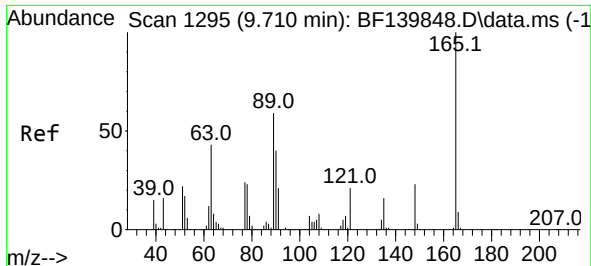
Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.9 19.1 28.7

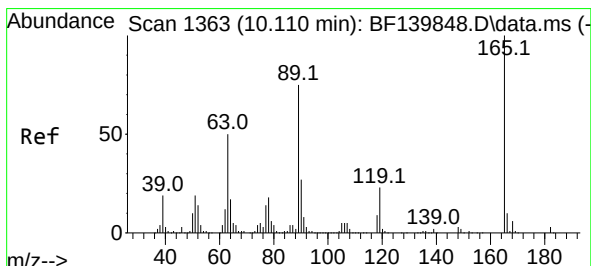
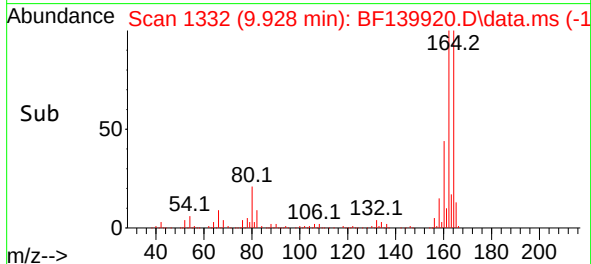
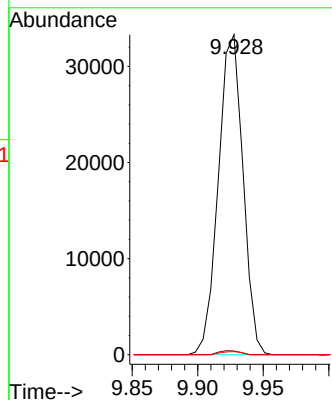
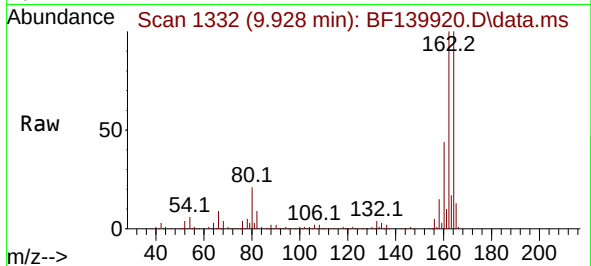




#51
2,6-Dinitrotoluene
Concen: 9.536 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF139920.D
Acq: 22 Oct 2024 11:05

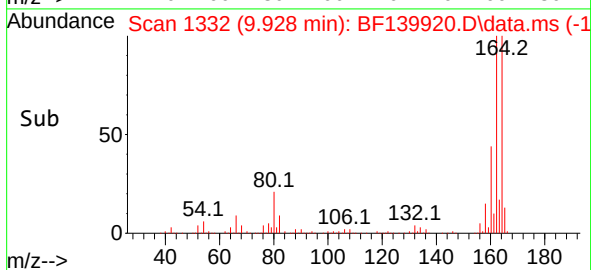
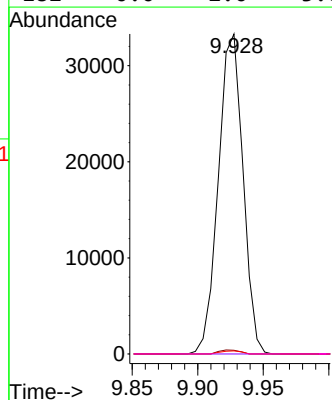
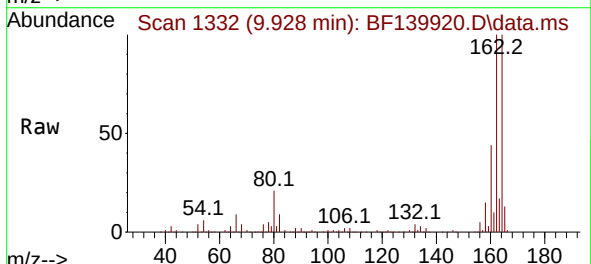
Instrument :
BNA_F
ClientSampleId :
PB164071BL

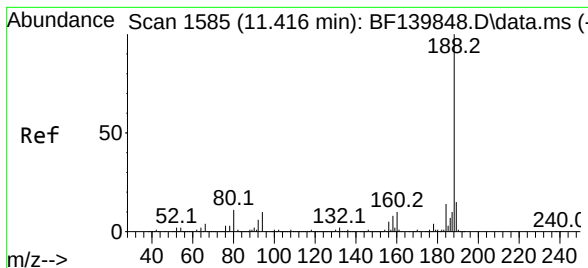
Tgt Ion:165 Resp: 43480
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.0 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.755 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF139920.D
Acq: 22 Oct 2024 11:05

Tgt Ion:165 Resp: 43480
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.0 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: BF139920.D

Acq: 22 Oct 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB164071BL

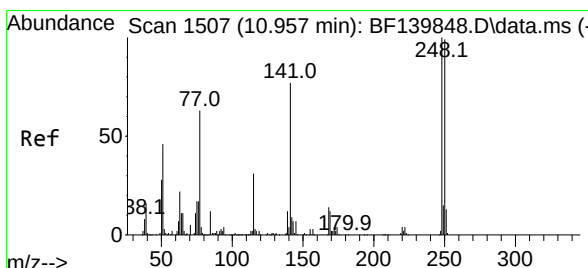
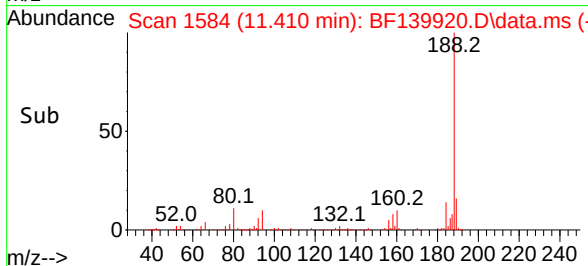
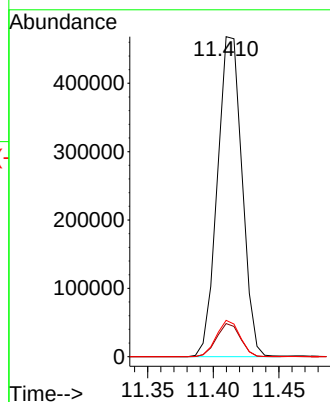
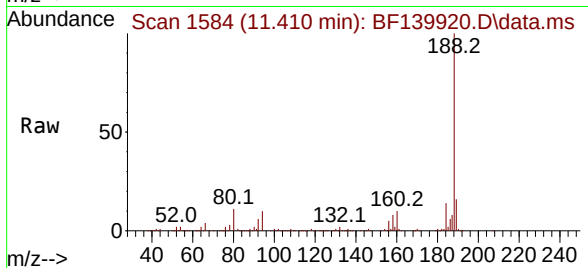
Tgt Ion:188 Resp: 611789

Ion Ratio Lower Upper

188 100

94 10.3 7.9 11.9

80 11.4 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.796 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139920.D

Acq: 22 Oct 2024 11:05

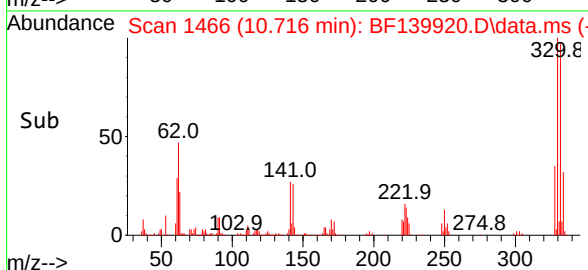
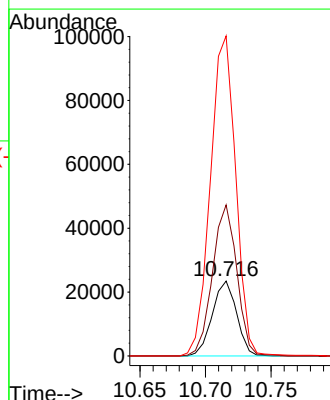
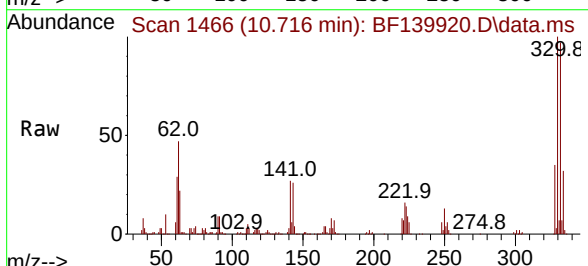
Tgt Ion:248 Resp: 30227

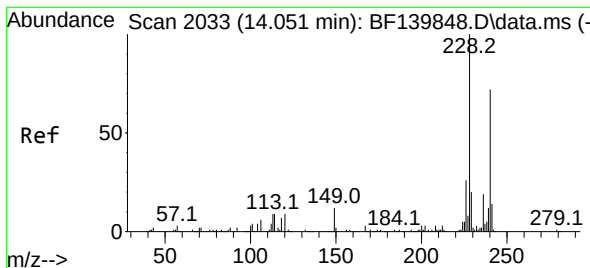
Ion Ratio Lower Upper

248 100

250 201.5 79.0 118.6#

141 427.2 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: BF139920.D

Acq: 22 Oct 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB164071BL

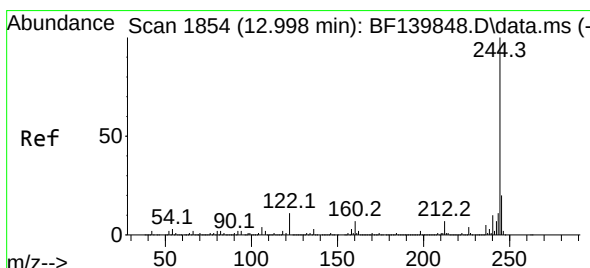
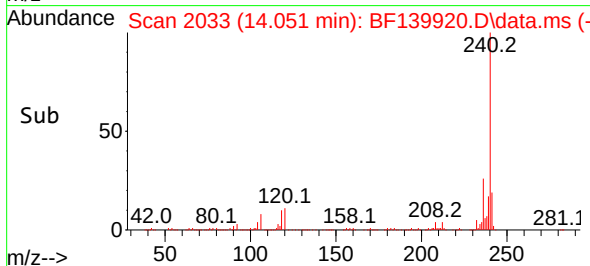
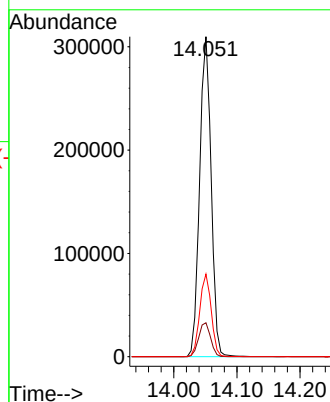
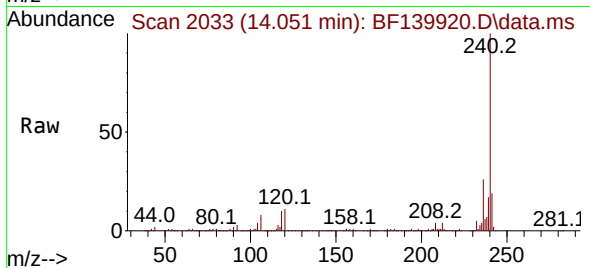
Tgt Ion:240 Resp: 390858

Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 89.996 ng

RT: 13.004 min Scan# 1855

Delta R.T. 0.006 min

Lab File: BF139920.D

Acq: 22 Oct 2024 11:05

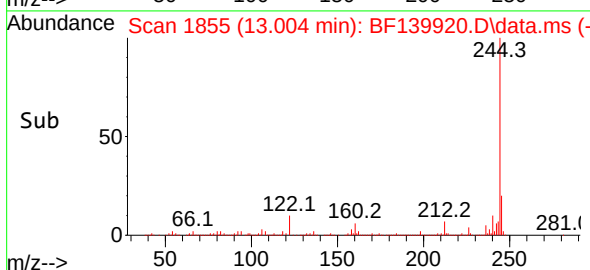
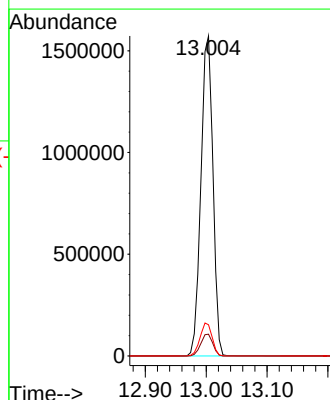
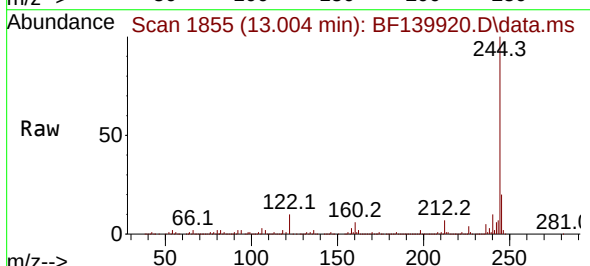
Tgt Ion:244 Resp: 2158698

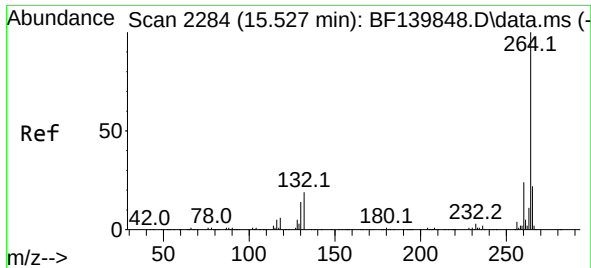
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

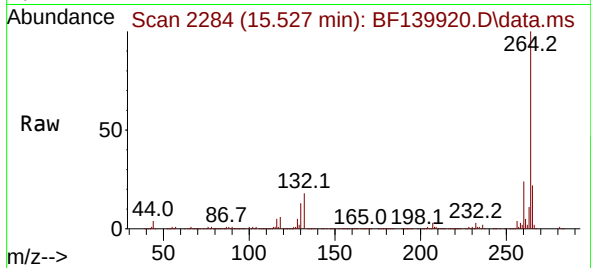
122 9.8 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139920.D
 Acq: 22 Oct 2024 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB164071BL



Tgt Ion:264 Resp: 293996

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.7	17.4	26.0

