

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139966.D
 Acq On : 23 Oct 2024 15:58
 Operator : RC/JU
 Sample : PB164195TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164195TB

Quant Time: Oct 23 16:40:14 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)

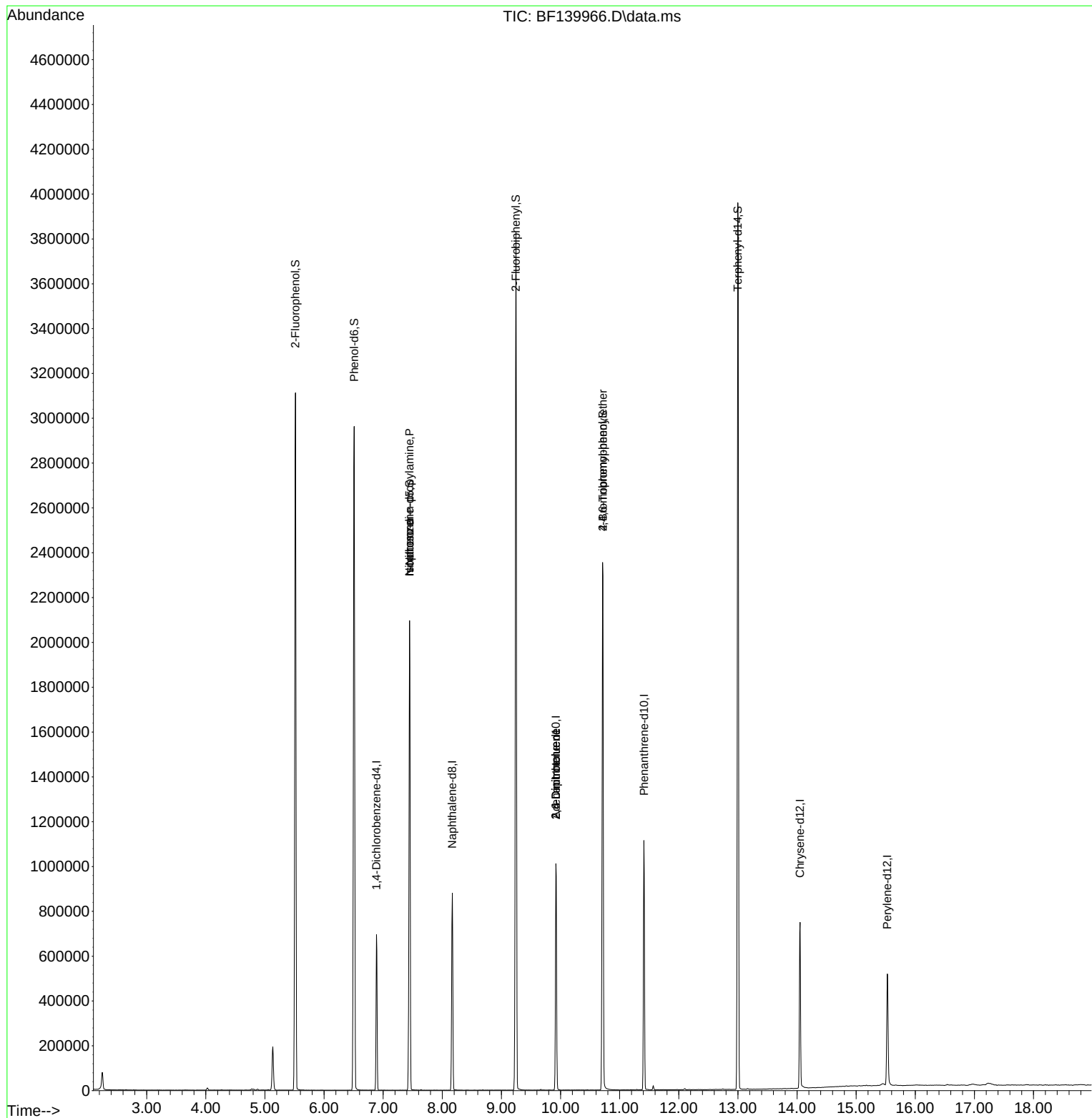
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	140748	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	553544	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	312540	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	576047	20.000	ng	0.00
76) Chrysene-d12	14.051	240	352149	20.000	ng	0.00
86) Perylene-d12	15.527	264	309751	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1226571	136.427	ng	0.02
7) Phenol-d6	6.510	99	1550038	133.115	ng	0.00
23) Nitrobenzene-d5	7.445	82	996456	99.770	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	450053	153.948	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1831090	96.827	ng	0.00
79) Terphenyl-d14	12.998	244	2119306	98.066	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	133103	18.847	ng	# 76
25) Isophorone	7.445	82	992238	52.343	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	39733	9.426	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	39733	7.665	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	28080	4.732	ng	# 1

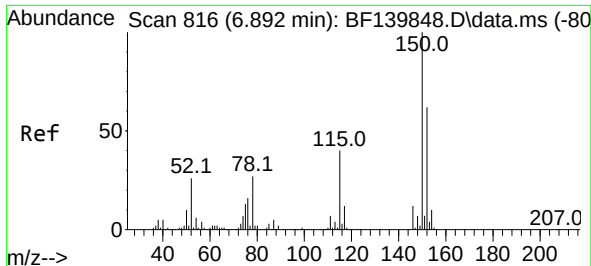
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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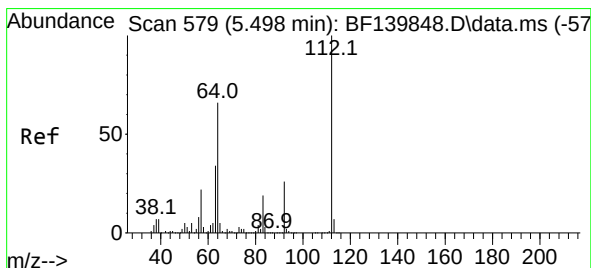
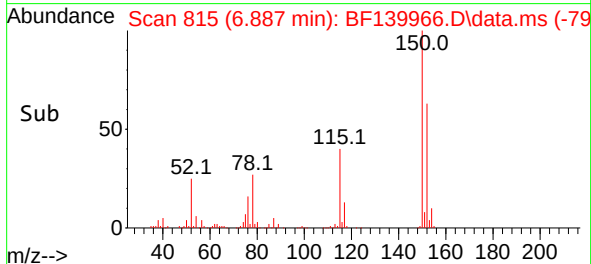
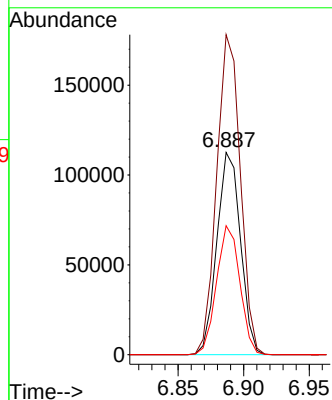
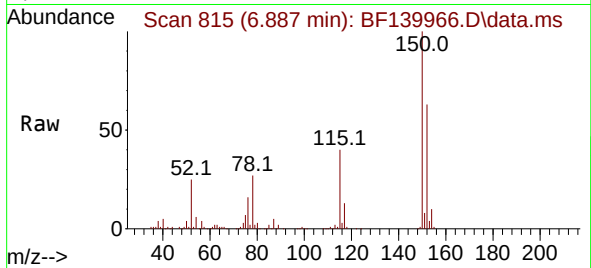




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139966.D
Acq: 23 Oct 2024 15:58

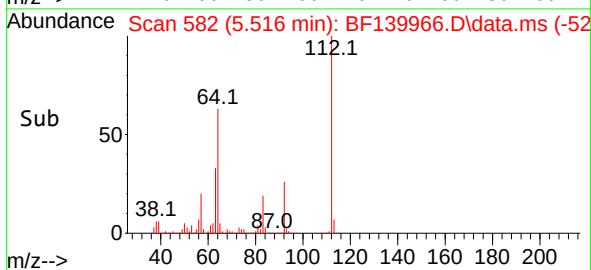
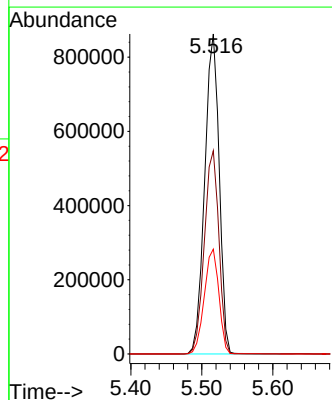
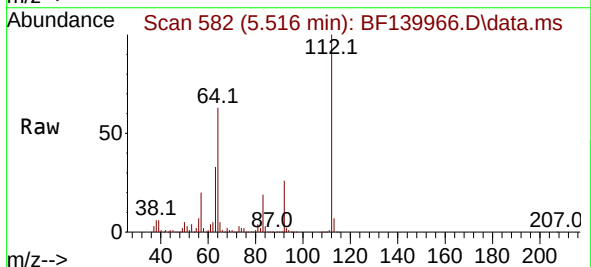
Instrument :
BNA_F
ClientSampleId :
PB164195TB

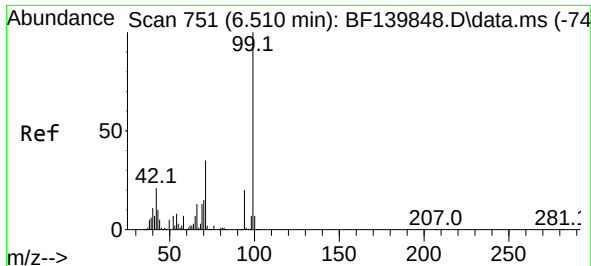
Tgt Ion:152 Resp: 140748
Ion Ratio Lower Upper
152 100
150 158.2 130.2 195.2
115 63.8 51.4 77.2



#5
2-Fluorophenol
Concen: 136.427 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139966.D
Acq: 23 Oct 2024 15:58

Tgt Ion:112 Resp: 1226571
Ion Ratio Lower Upper
112 100
64 63.5 53.0 79.6
63 32.8 27.0 40.4

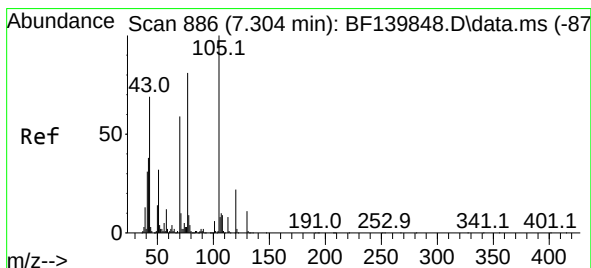
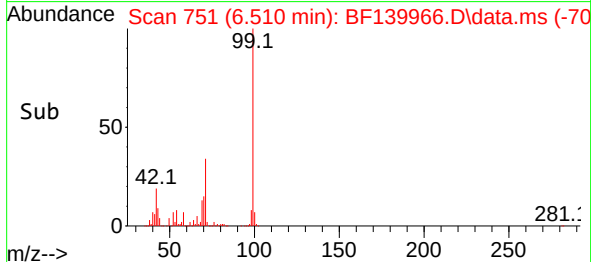
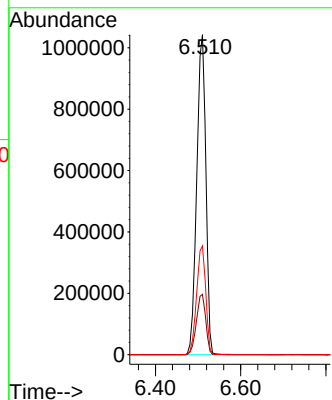
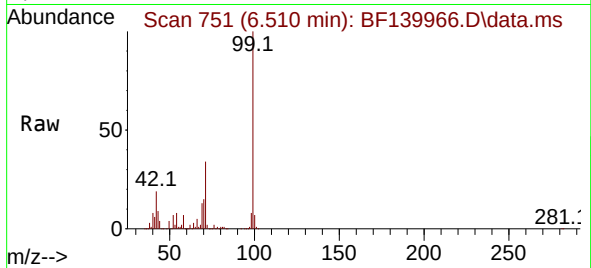




#7
Phenol-d6
Concen: 133.115 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139966.D
Acq: 23 Oct 2024 15:58

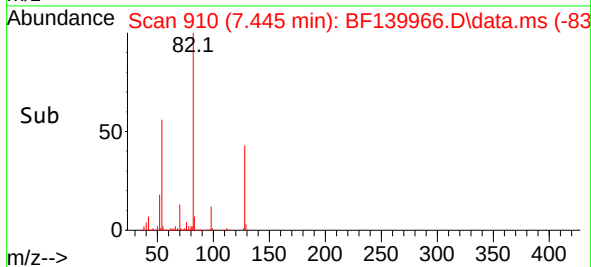
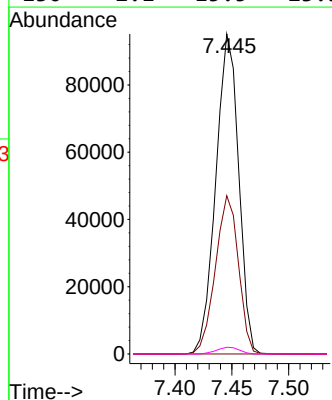
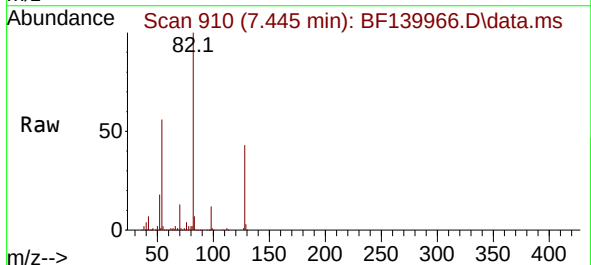
Instrument :
BNA_F
ClientSampleId :
PB164195TB

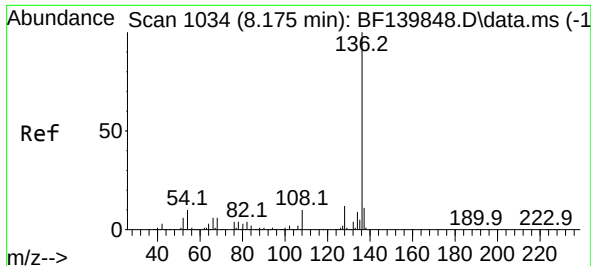
Tgt Ion: 99 Resp: 1550038
Ion Ratio Lower Upper
99 100
42 18.9 16.7 25.1
71 34.0 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.847 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139966.D
Acq: 23 Oct 2024 15:58

Tgt Ion: 70 Resp: 133103
Ion Ratio Lower Upper
70 100
42 49.4 51.5 77.3#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#

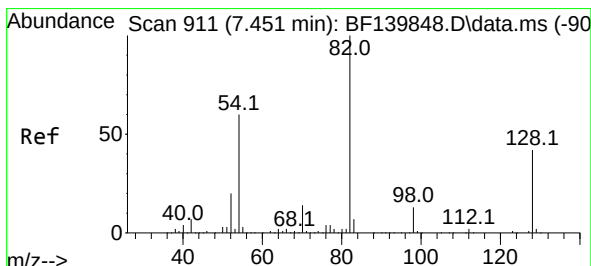
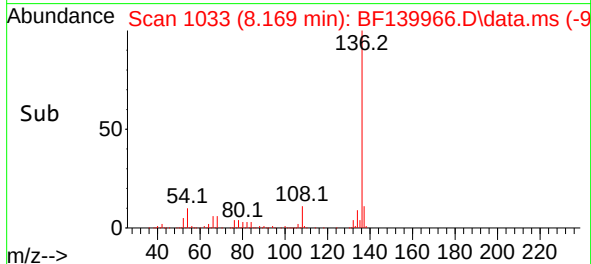
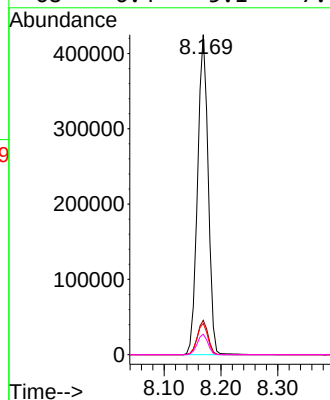
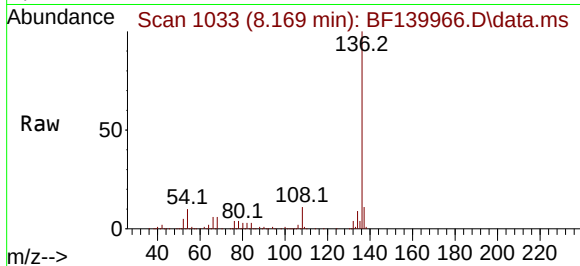




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139966.D
Acq: 23 Oct 2024 15:58

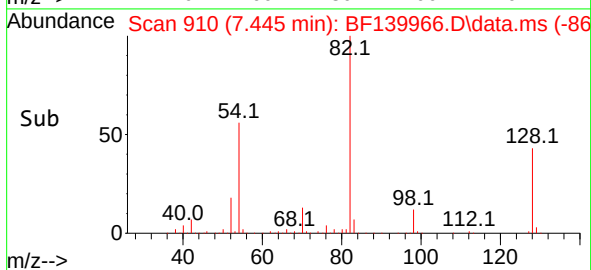
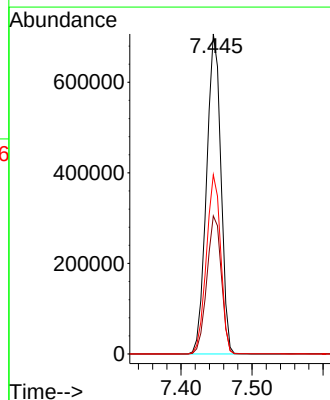
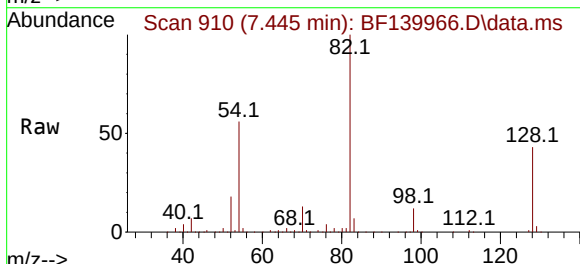
Instrument :
BNA_F
ClientSampleId :
PB164195TB

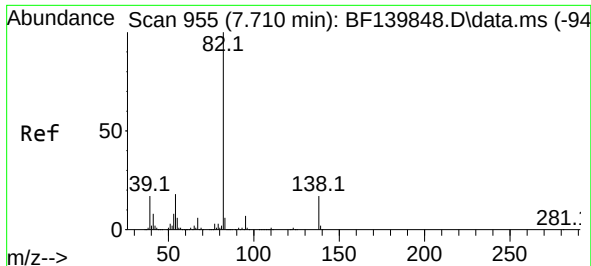
Tgt Ion:	136	Resp:	553544
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.8	8.4	12.6
68	6.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 99.770 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139966.D
Acq: 23 Oct 2024 15:58

Tgt Ion:	82	Resp:	996456
Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.4	50.0
54	56.0	47.8	71.8

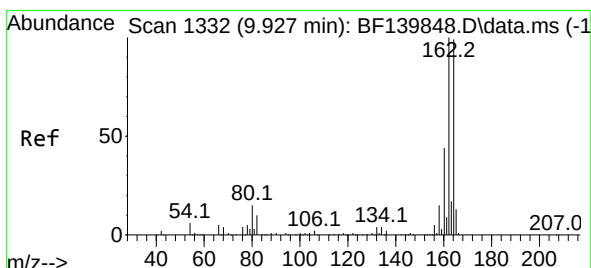
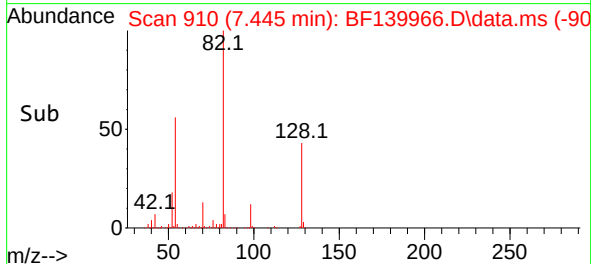
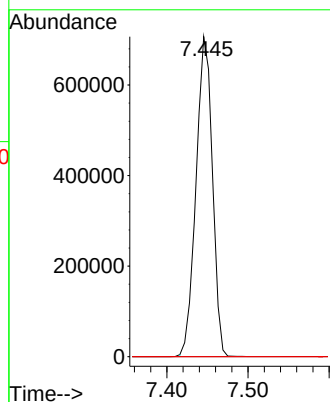
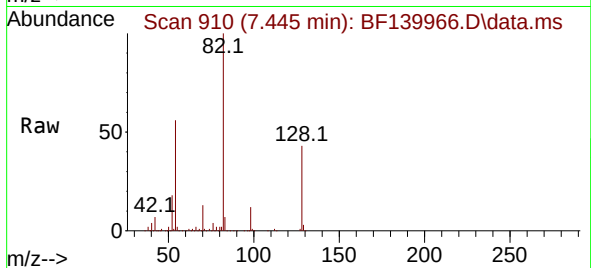




#25
Isophorone
Concen: 52.343 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139966.D
Acq: 23 Oct 2024 15:58

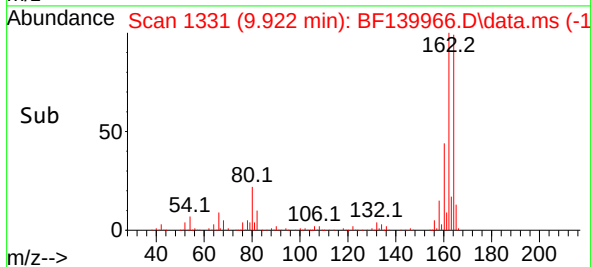
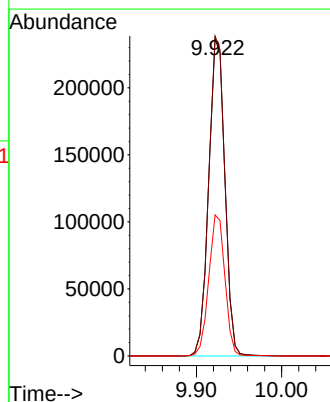
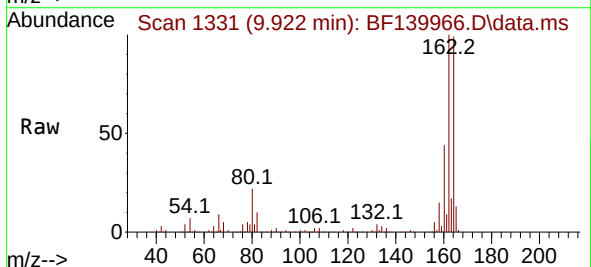
Instrument :
BNA_F
ClientSampleId :
PB164195TB

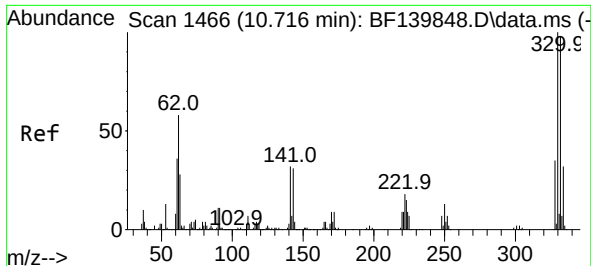
Tgt Ion: 82 Resp: 992238
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139966.D
Acq: 23 Oct 2024 15:58

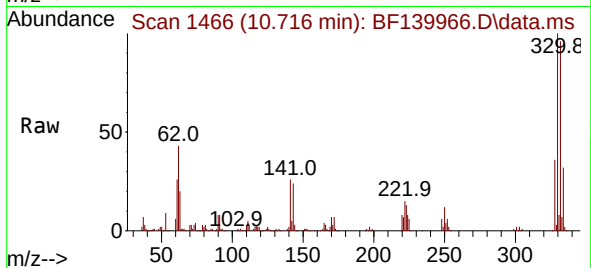
Tgt Ion: 164 Resp: 312540
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 44.5 35.4 53.0



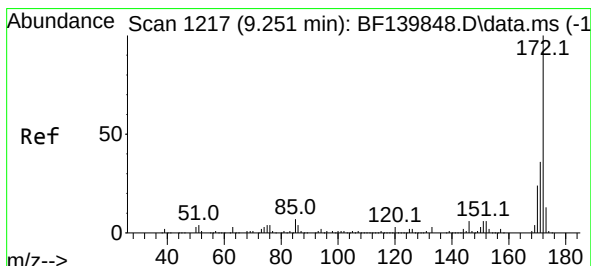
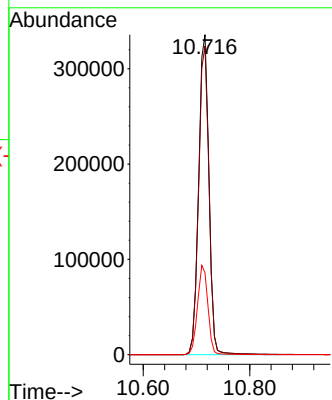
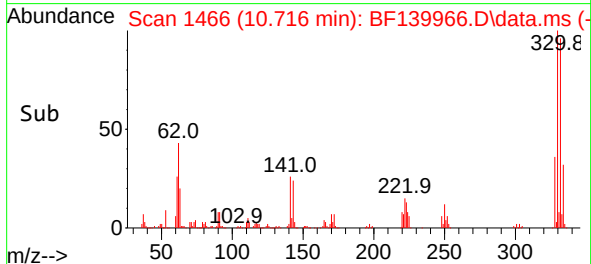


#42
2,4,6-Tribromophenol
Concen: 153.948 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139966.D
Acq: 23 Oct 2024 15:58

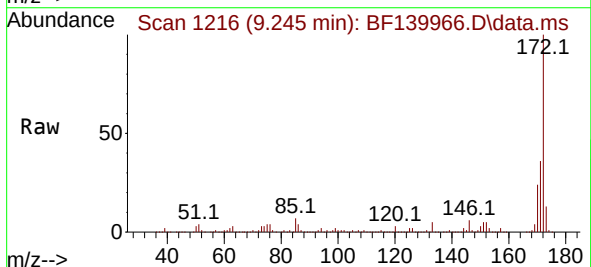
Instrument :
BNA_F
ClientSampleId :
PB164195TB



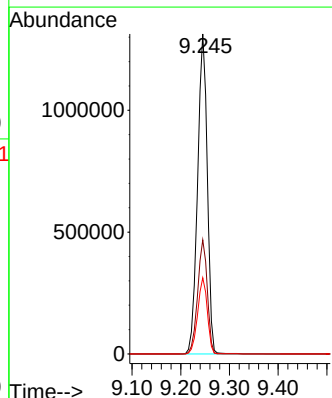
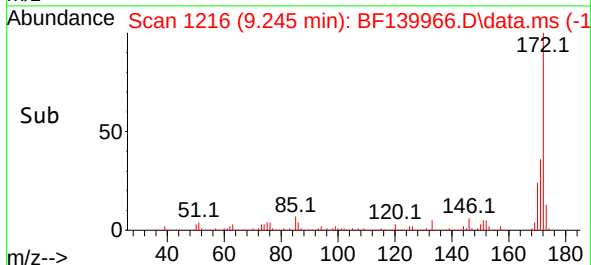
Tgt Ion:330 Resp: 450053
Ion Ratio Lower Upper
330 100
332 96.6 78.1 117.1
141 28.2 26.6 39.8

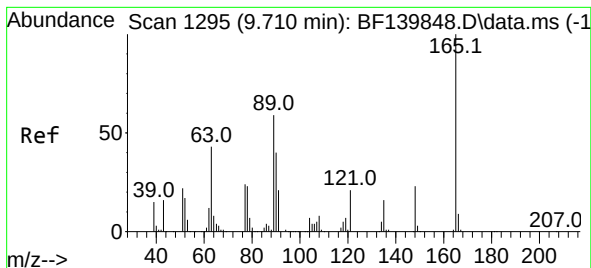


#45
2-Fluorobiphenyl
Concen: 96.827 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139966.D
Acq: 23 Oct 2024 15:58



Tgt Ion:172 Resp: 1831090
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.8 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.426 ng

RT: 9.922 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139966.D

Acq: 23 Oct 2024 15:58

Instrument :

BNA_F

ClientSampleId :

PB164195TB

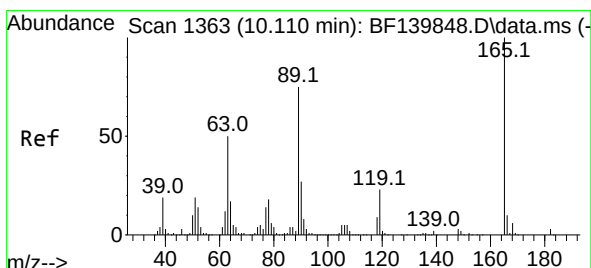
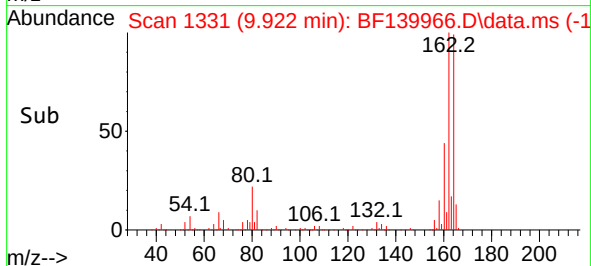
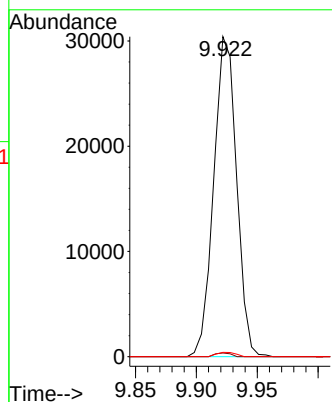
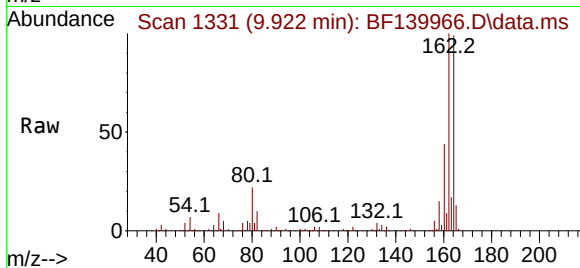
Tgt Ion:165 Resp: 39733

Ion Ratio Lower Upper

165 100

63 1.1 50.6 75.8#

89 1.4 47.5 71.3#



#57

2,4-Dinitrotoluene

Concen: 7.665 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.188 min

Lab File: BF139966.D

Acq: 23 Oct 2024 15:58

Tgt Ion:165 Resp: 39733

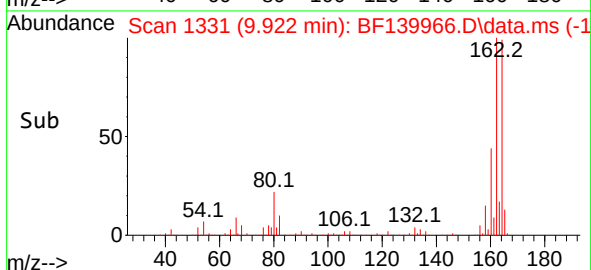
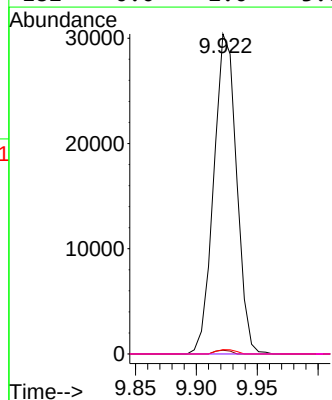
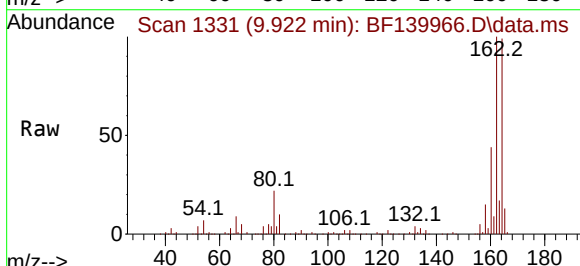
Ion Ratio Lower Upper

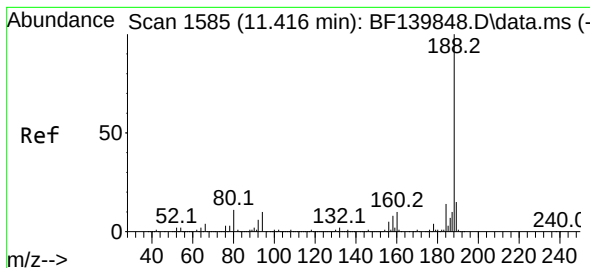
165 100

63 1.1 40.1 60.1#

89 1.4 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: BF139966.D

Acq: 23 Oct 2024 15:58

Instrument :

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PB164195TB

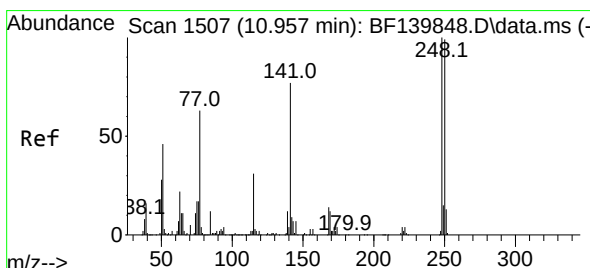
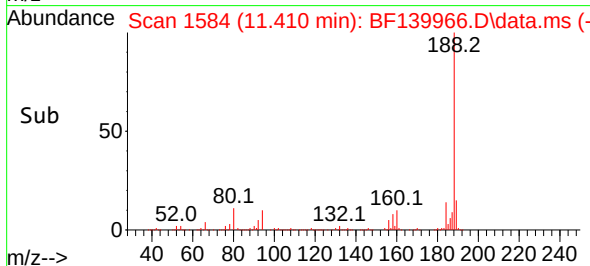
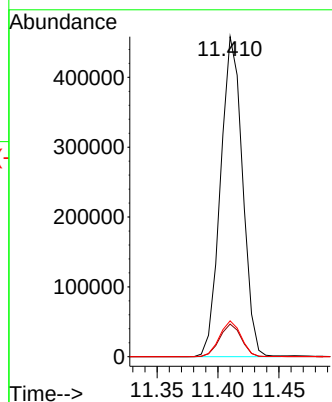
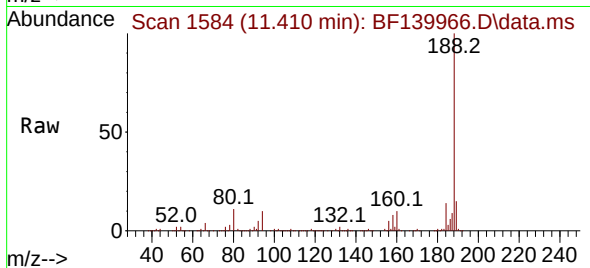
Tgt Ion:188 Resp: 576047

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: 4.732 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139966.D

Acq: 23 Oct 2024 15:58

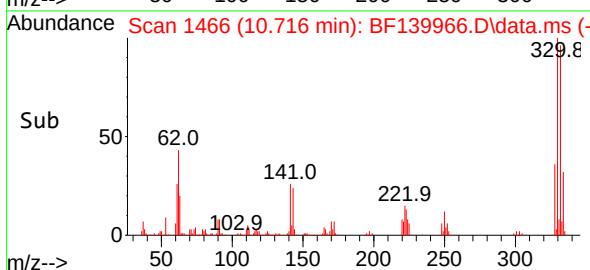
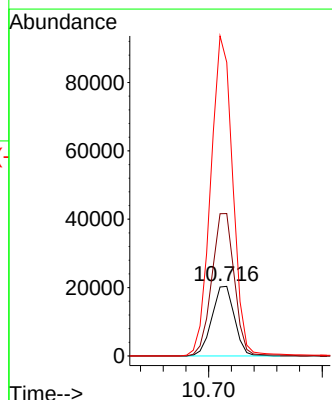
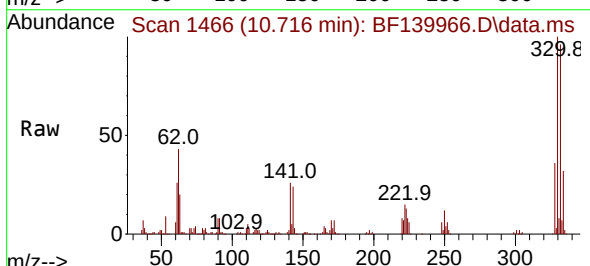
Tgt Ion:248 Resp: 28080

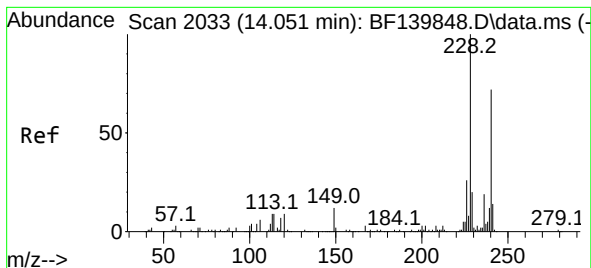
Ion Ratio Lower Upper

248 100

250 204.5 79.0 118.6#

141 421.8 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: BF139966.D

Acq: 23 Oct 2024 15:58

Instrument :

BNA_F

ClientSampleId :

PB164195TB

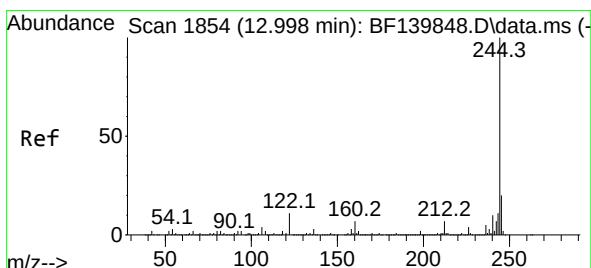
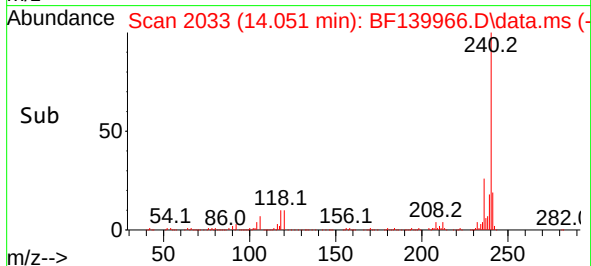
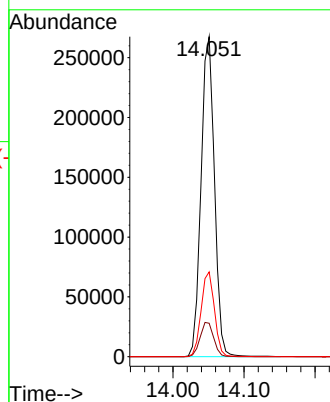
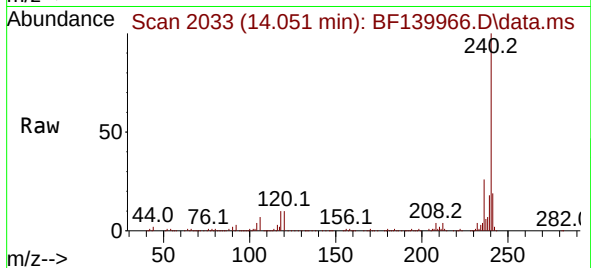
Tgt Ion:240 Resp: 352149

Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

236 26.5 20.9 31.3



#79

Terphenyl-d14

Concen: 98.066 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139966.D

Acq: 23 Oct 2024 15:58

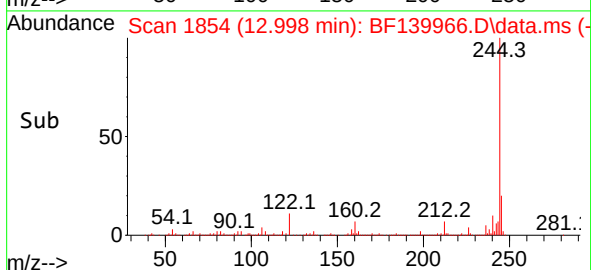
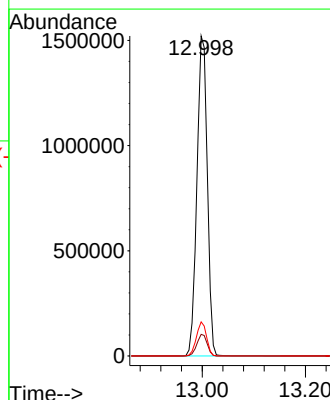
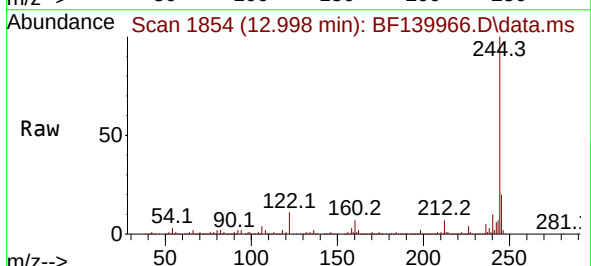
Tgt Ion:244 Resp: 2119306

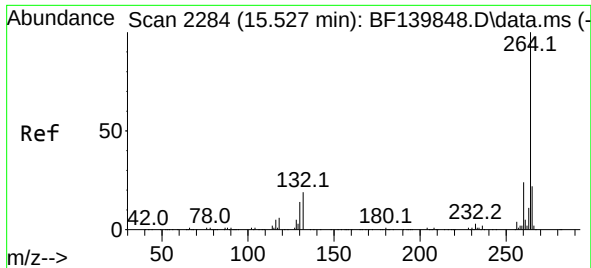
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

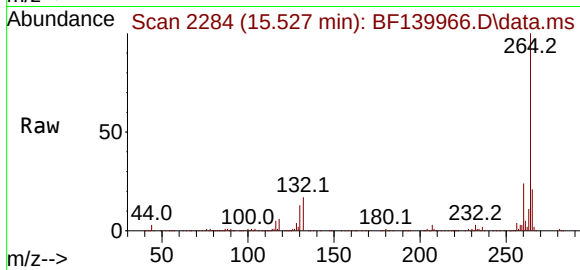
122 10.7 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139966.D
 Acq: 23 Oct 2024 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB164195TB



Tgt	Ion:264	Resp:	309751
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.4	17.4	26.0

