

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
 Data File : BF139252.D
 Acq On : 05 Sep 2024 10:05
 Operator : RC/JU
 Sample : PB163110BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163110BL

Quant Time: Sep 05 10:48:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

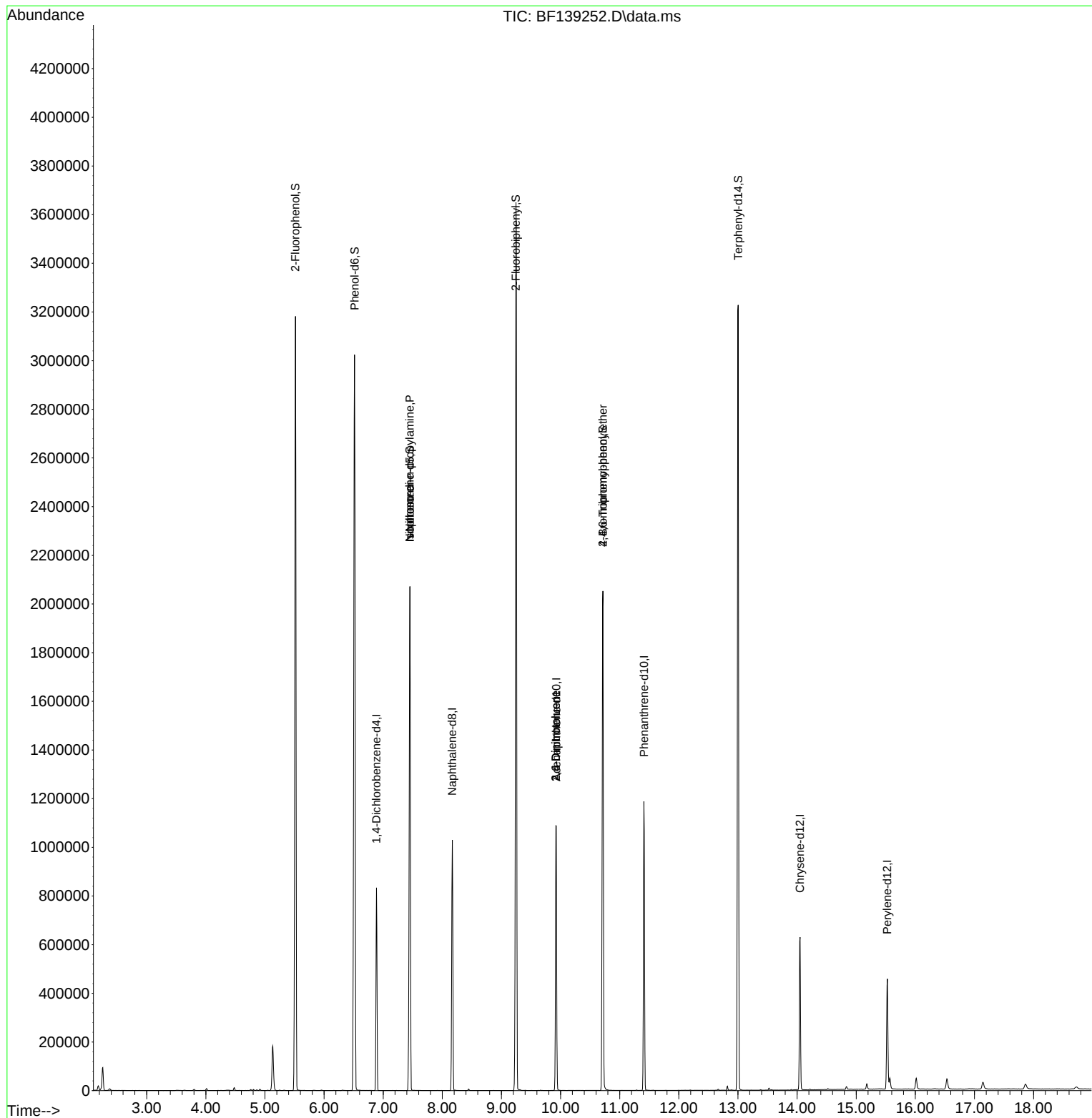
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	163073	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	612665	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	333239	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	624390	20.000	ng	0.00
76) Chrysene-d12	14.051	240	304010	20.000	ng	0.00
86) Perylene-d12	15.527	264	268948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1155636	118.550	ng	0.01
7) Phenol-d6	6.516	99	1527169	117.352	ng	0.00
23) Nitrobenzene-d5	7.451	82	970599	82.416	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	329308	114.440	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1709667	79.196	ng	0.00
79) Terphenyl-d14	13.004	244	1647739	87.510	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	134783	17.983	ng	# 76
25) Isophorone	7.451	82	968158	48.085	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	43864	9.573	ng	# 18
57) 2,4-Dinitrotoluene	9.922	165	43864	7.521	ng	# 18
67) 4-Bromophenyl-phenylether	10.716	248	22623	3.734	ng	# 1

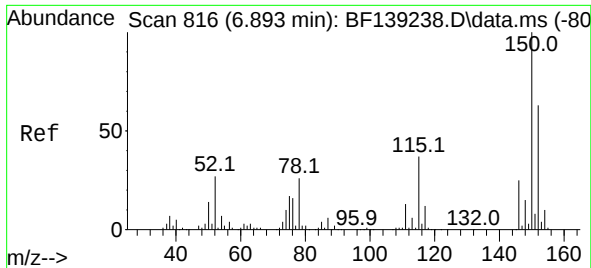
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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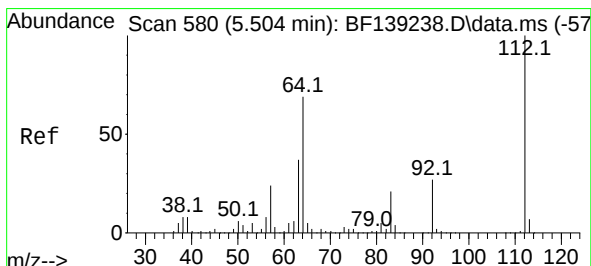
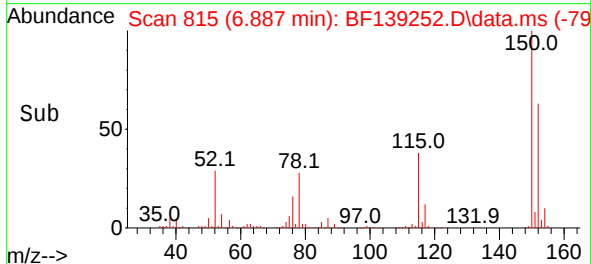
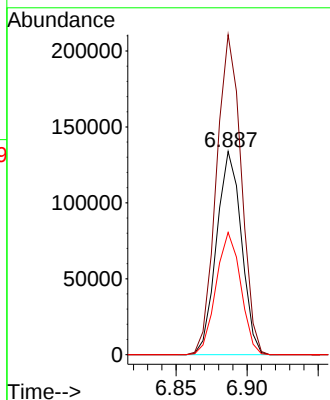
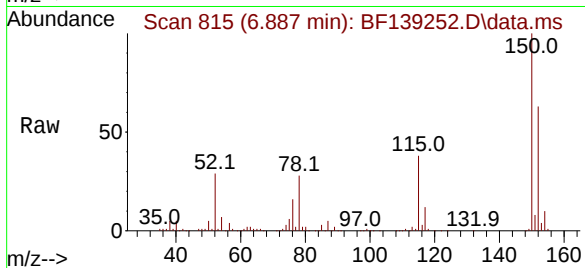




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139252.D
Acq: 05 Sep 2024 10:05

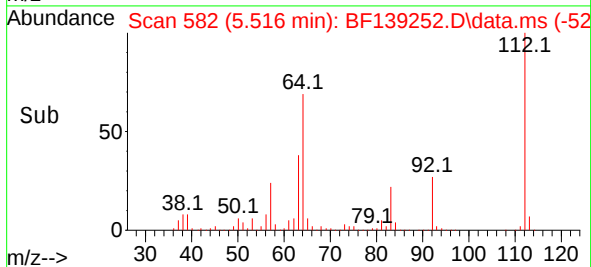
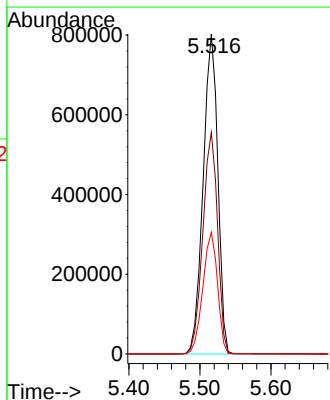
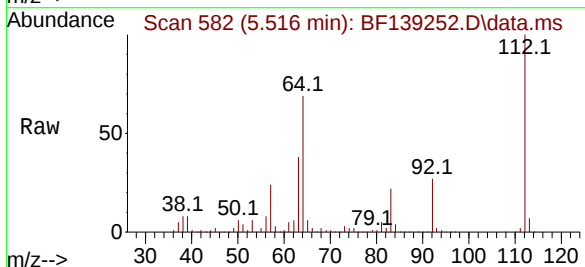
Instrument :
BNA_F
ClientSampleId :
PB163110BL

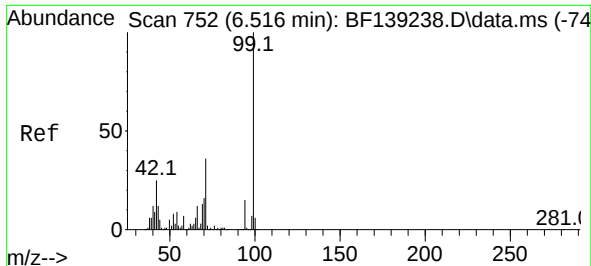
Tgt Ion:152 Resp: 163073
Ion Ratio Lower Upper
152 100
150 157.5 127.0 190.4
115 60.1 46.9 70.3



#5
2-Fluorophenol
Concen: 118.550 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF139252.D
Acq: 05 Sep 2024 10:05

Tgt Ion:112 Resp: 1155636
Ion Ratio Lower Upper
112 100
64 69.3 55.0 82.4
63 37.9 29.9 44.9



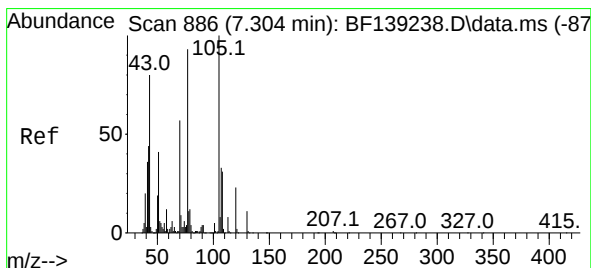
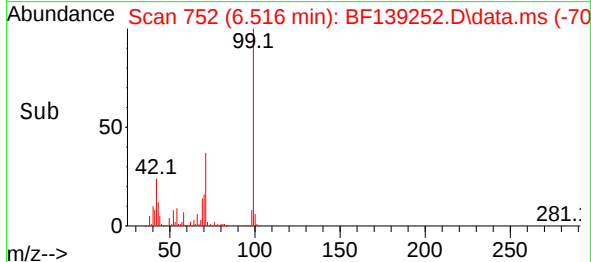
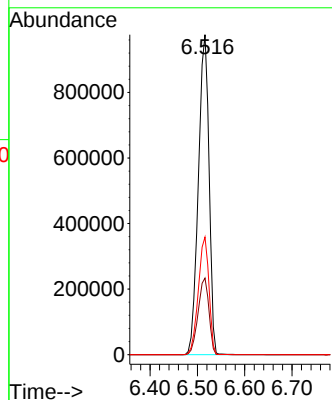
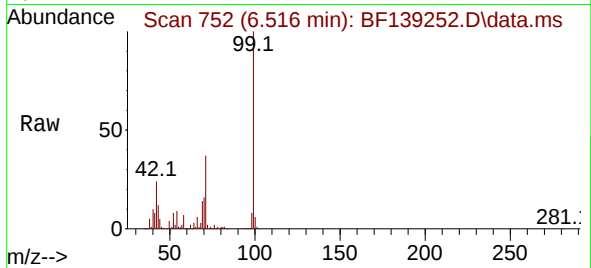


#7
Phenol-d6
Concen: 117.352 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139252.D
Acq: 05 Sep 2024 10:05

Instrument :
BNA_F
ClientSampleId :
PB163110BL

Tgt Ion: 99 Resp: 1527169

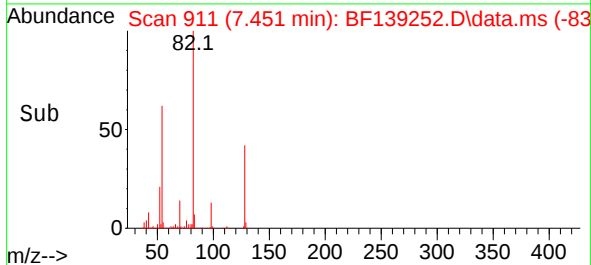
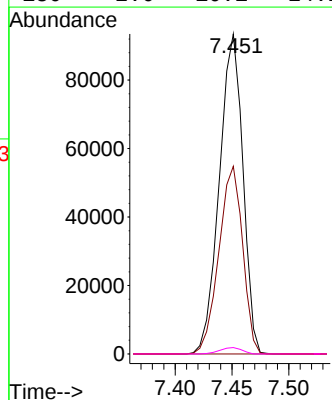
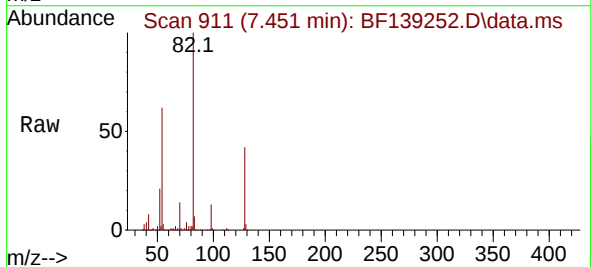
Ion	Ratio	Lower	Upper
99	100		
42	24.0	19.8	29.6
71	36.7	28.8	43.2

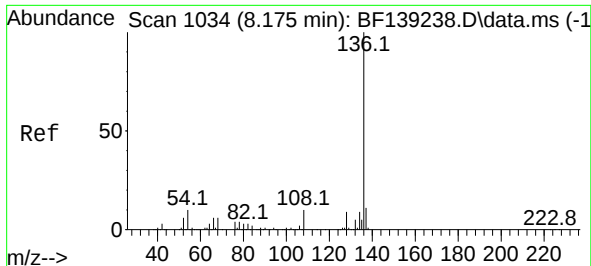


#19
n-Nitroso-di-n-propylamine
Concen: 17.983 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139252.D
Acq: 05 Sep 2024 10:05

Tgt Ion: 70 Resp: 134783

Ion	Ratio	Lower	Upper
70	100		
42	58.6	61.0	91.6#
101	0.0	7.2	10.8#
130	2.0	16.1	24.1#

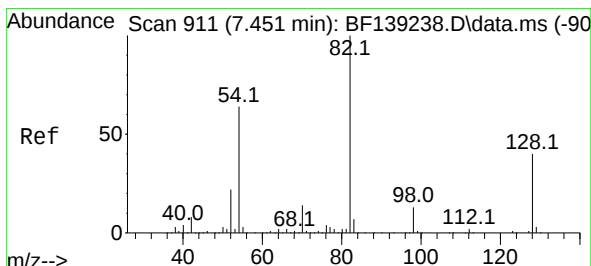
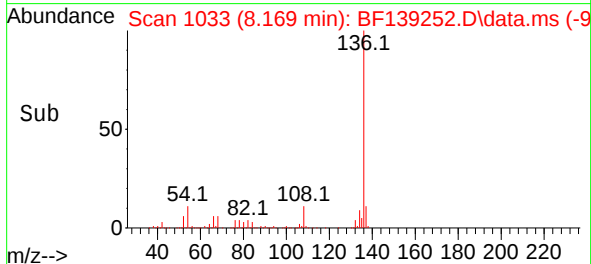
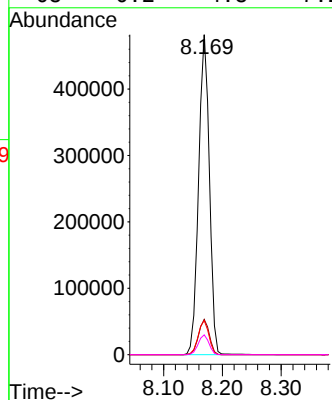
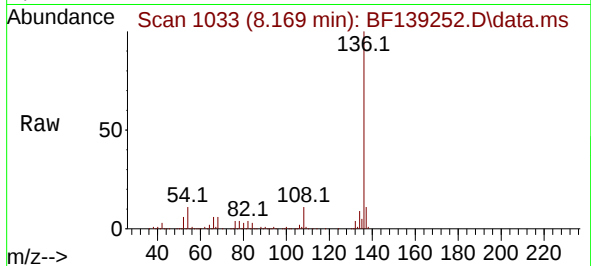




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139252.D
Acq: 05 Sep 2024 10:05

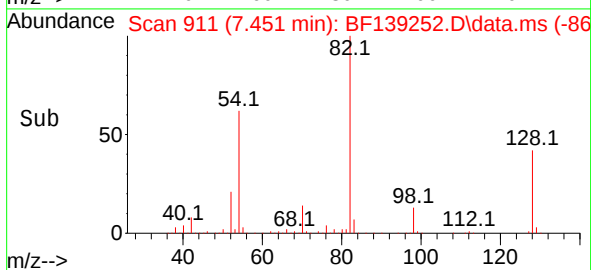
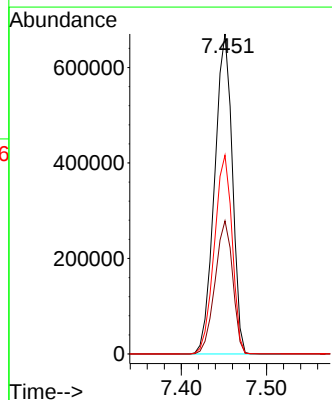
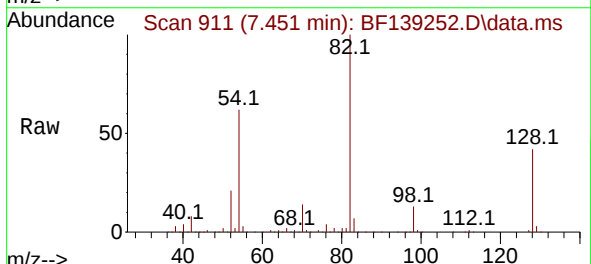
Instrument :
BNA_F
ClientSampleId :
PB163110BL

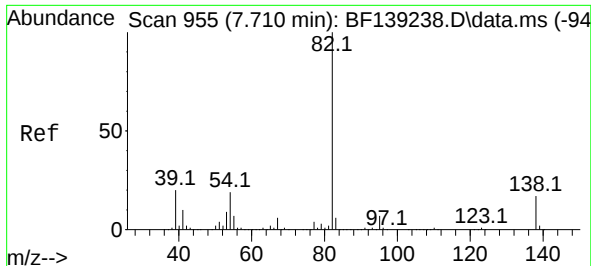
Tgt Ion:136 Resp: 612665
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.7 8.4 12.6
68 6.2 4.8 7.2



#23
Nitrobenzene-d5
Concen: 82.416 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139252.D
Acq: 05 Sep 2024 10:05

Tgt Ion: 82 Resp: 970599
Ion Ratio Lower Upper
82 100
128 41.6 32.3 48.5
54 62.1 51.2 76.8

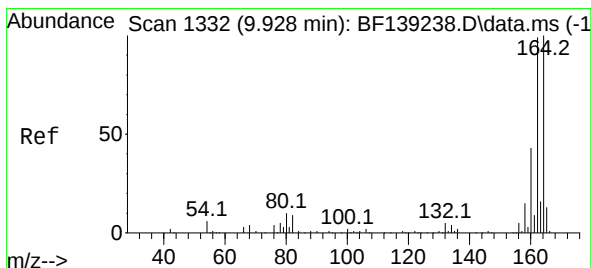
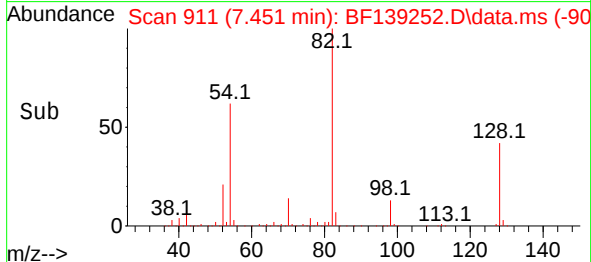
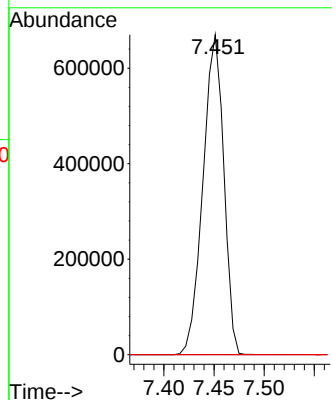
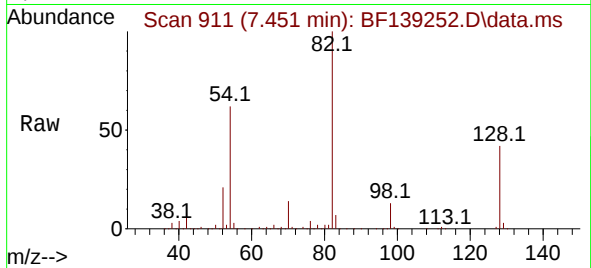




#25
Isophorone
Concen: 48.085 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139252.D
Acq: 05 Sep 2024 10:05

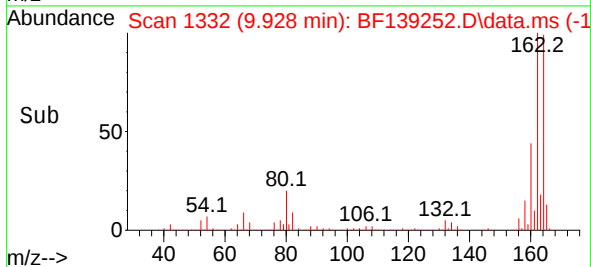
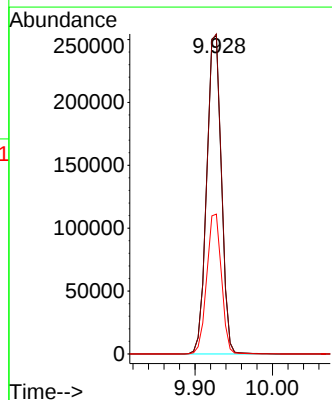
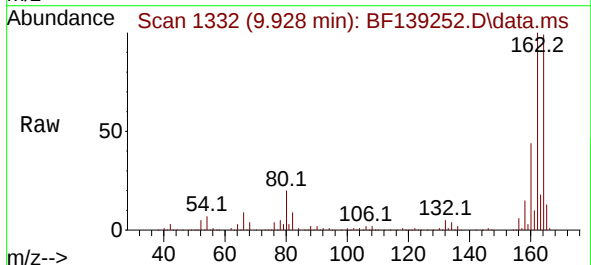
Instrument :
BNA_F
ClientSampleId :
PB163110BL

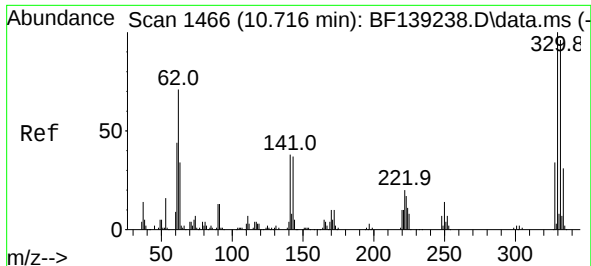
Tgt Ion: 82 Resp: 968158
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF139252.D
Acq: 05 Sep 2024 10:05

Tgt Ion:164 Resp: 333239
Ion Ratio Lower Upper
164 100
162 100.5 79.2 118.8
160 44.0 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 114.440 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF139252.D

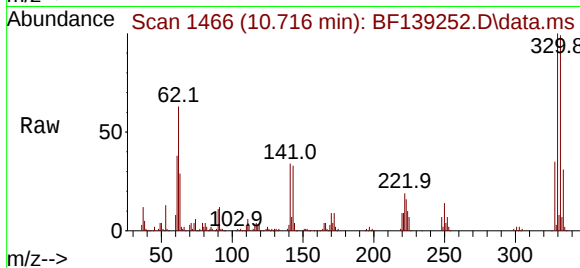
Acq: 05 Sep 2024 10:05

Instrument :

BNA_F

ClientSampleId :

PB163110BL



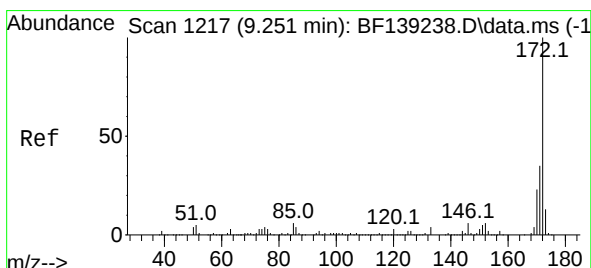
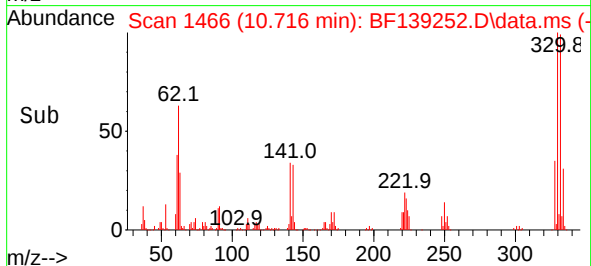
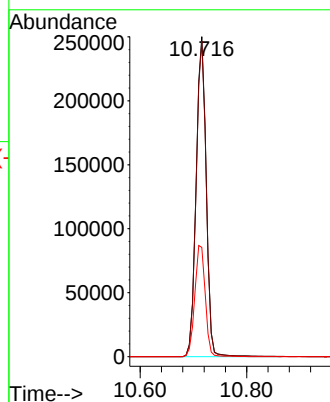
Tgt Ion:330 Resp: 329308

Ion Ratio Lower Upper

330 100

332 98.4 76.6 115.0

141 36.1 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 79.196 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139252.D

Acq: 05 Sep 2024 10:05

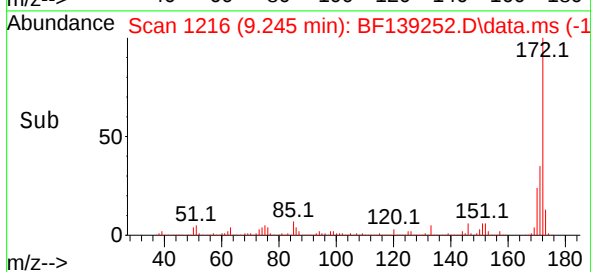
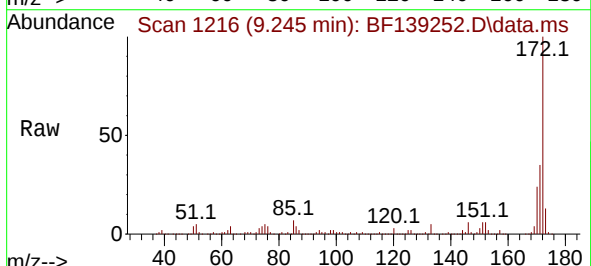
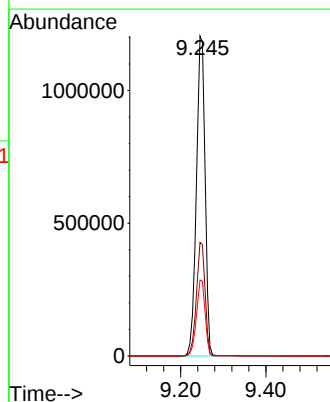
Tgt Ion:172 Resp: 1709667

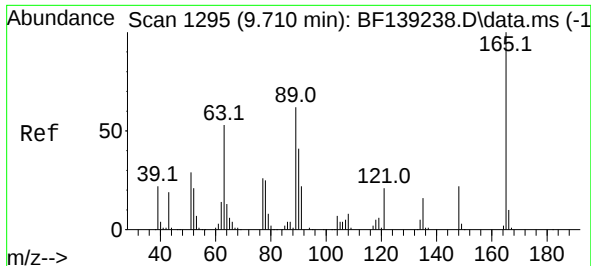
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.8 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.573 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.212 min

Lab File: BF139252.D

Acq: 05 Sep 2024 10:05

Instrument :

BNA_F

ClientSampleId :

PB163110BL

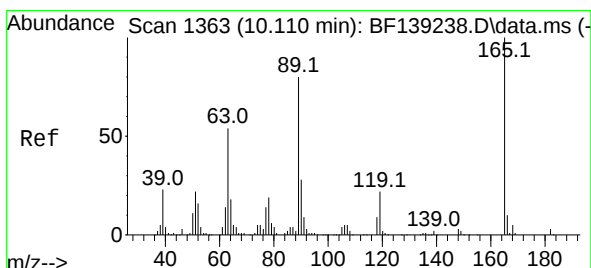
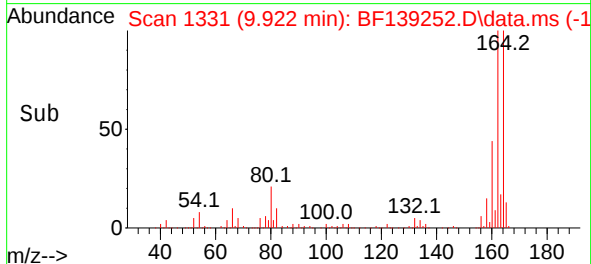
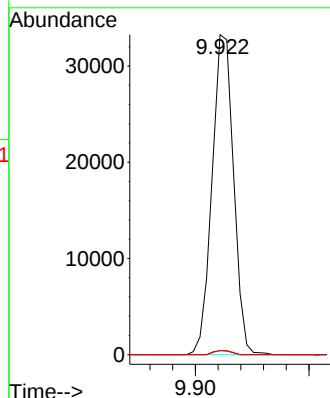
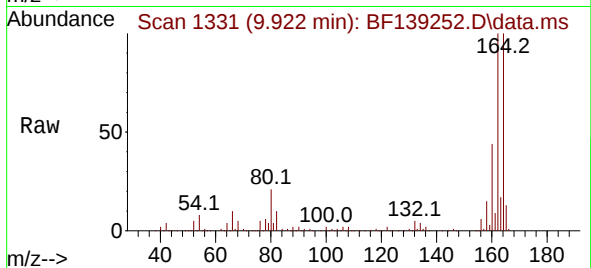
Tgt Ion:165 Resp: 43864

Ion Ratio Lower Upper

165 100

63 1.3 56.1 84.1#

89 1.3 49.7 74.5#



#57

2,4-Dinitrotoluene

Concen: 7.521 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.188 min

Lab File: BF139252.D

Acq: 05 Sep 2024 10:05

Tgt Ion:165 Resp: 43864

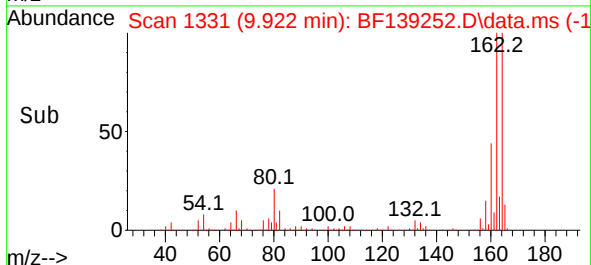
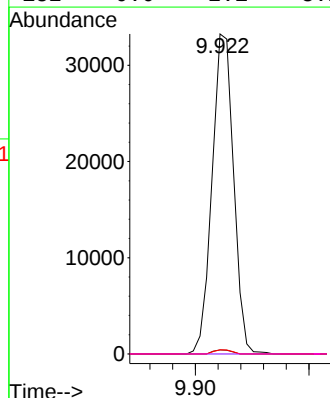
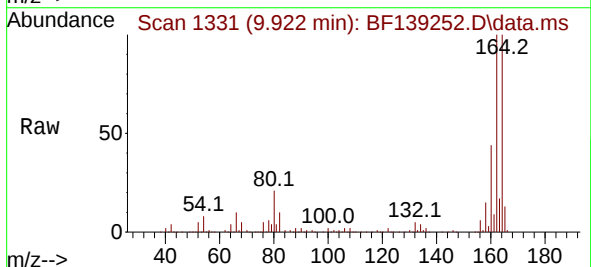
Ion Ratio Lower Upper

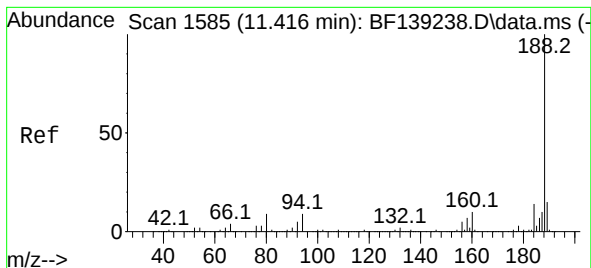
165 100

63 1.3 43.4 65.0#

89 1.3 64.2 96.4#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139252.D

Acq: 05 Sep 2024 10:05

Instrument :

BNA_F

ClientSampleId :

PB163110BL

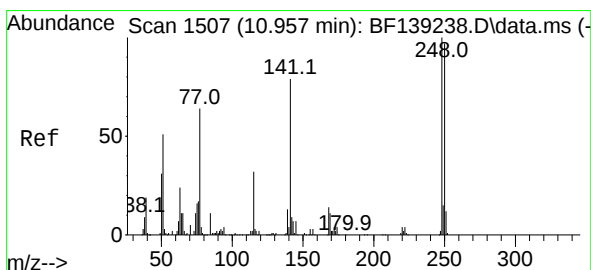
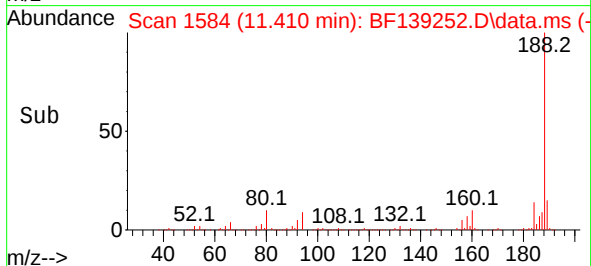
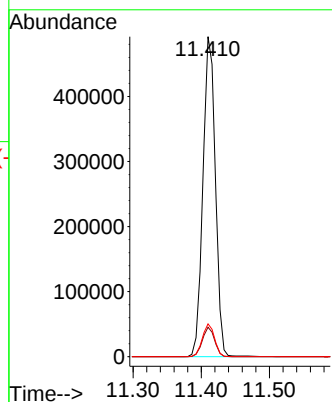
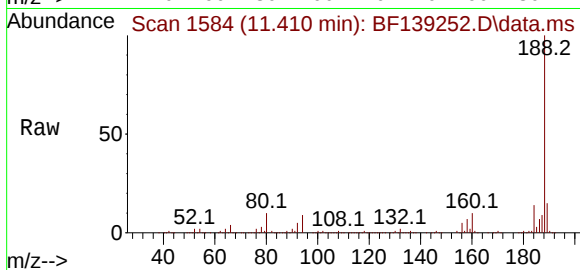
Tgt Ion:188 Resp: 624390

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

80 10.3 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 3.734 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139252.D

Acq: 05 Sep 2024 10:05

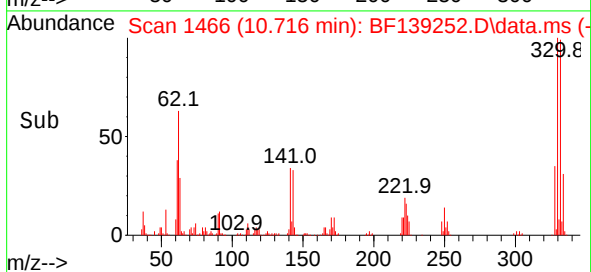
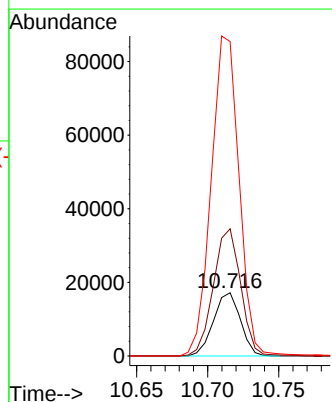
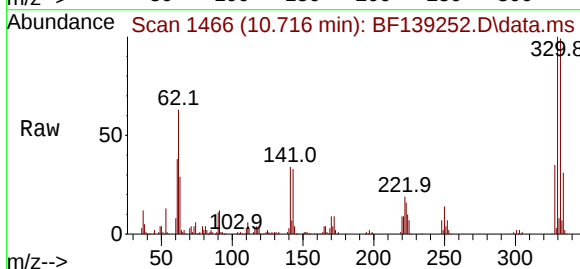
Tgt Ion:248 Resp: 22623

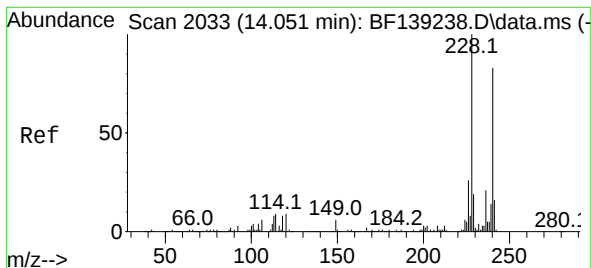
Ion Ratio Lower Upper

248 100

250 201.6 77.2 115.8#

141 498.0 63.6 95.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF139252.D

Acq: 05 Sep 2024 10:05

Instrument :

BNA_F

ClientSampleId :

PB163110BL

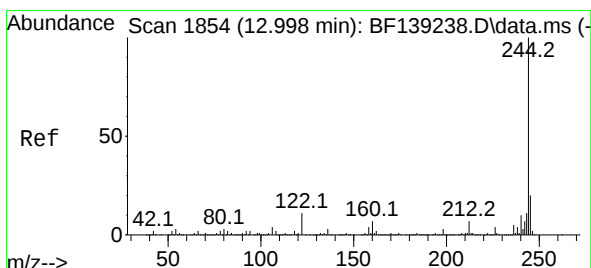
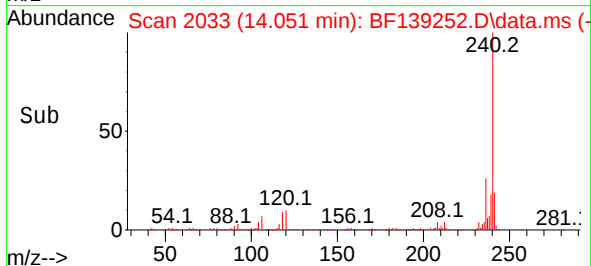
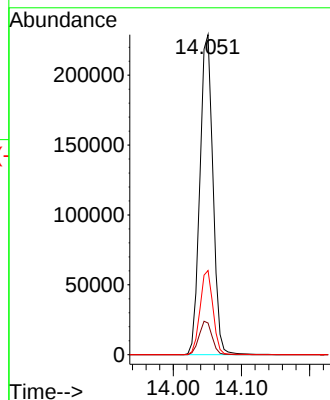
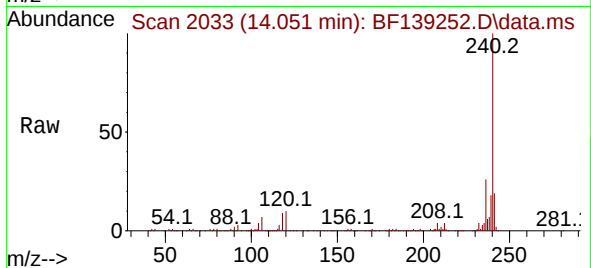
Tgt Ion:240 Resp: 304010

Ion Ratio Lower Upper

240 100

120 9.9 8.6 12.8

236 26.3 20.7 31.1



#79

Terphenyl-d14

Concen: 87.510 ng

RT: 13.004 min Scan# 1855

Delta R.T. 0.006 min

Lab File: BF139252.D

Acq: 05 Sep 2024 10:05

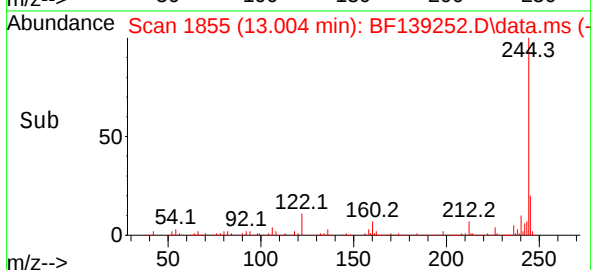
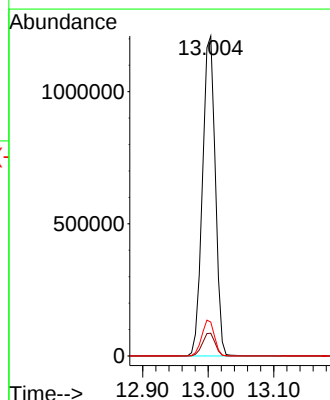
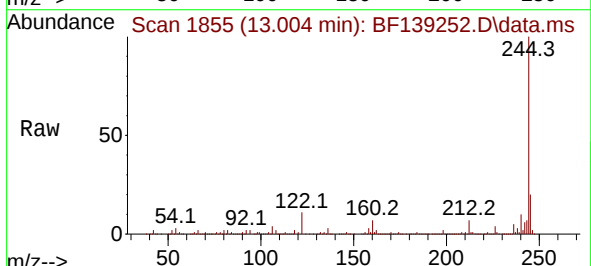
Tgt Ion:244 Resp: 1647739

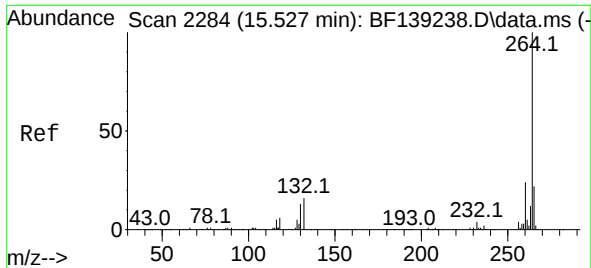
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

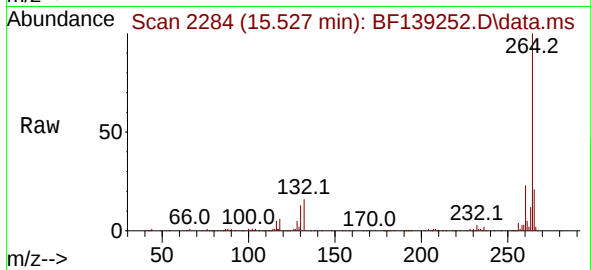
122 10.6 8.7 13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139252.D
Acq: 05 Sep 2024 10:05

Instrument :
BNA_F
ClientSampleId :
PB163110BL



Tgt Ion:264 Resp: 268948
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 20.7 17.3 25.9

