

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139318.D
 Acq On : 11 Sep 2024 11:50
 Operator : RC/JU
 Sample : PB163274BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163274BL

Quant Time: Sep 11 12:32:38 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)

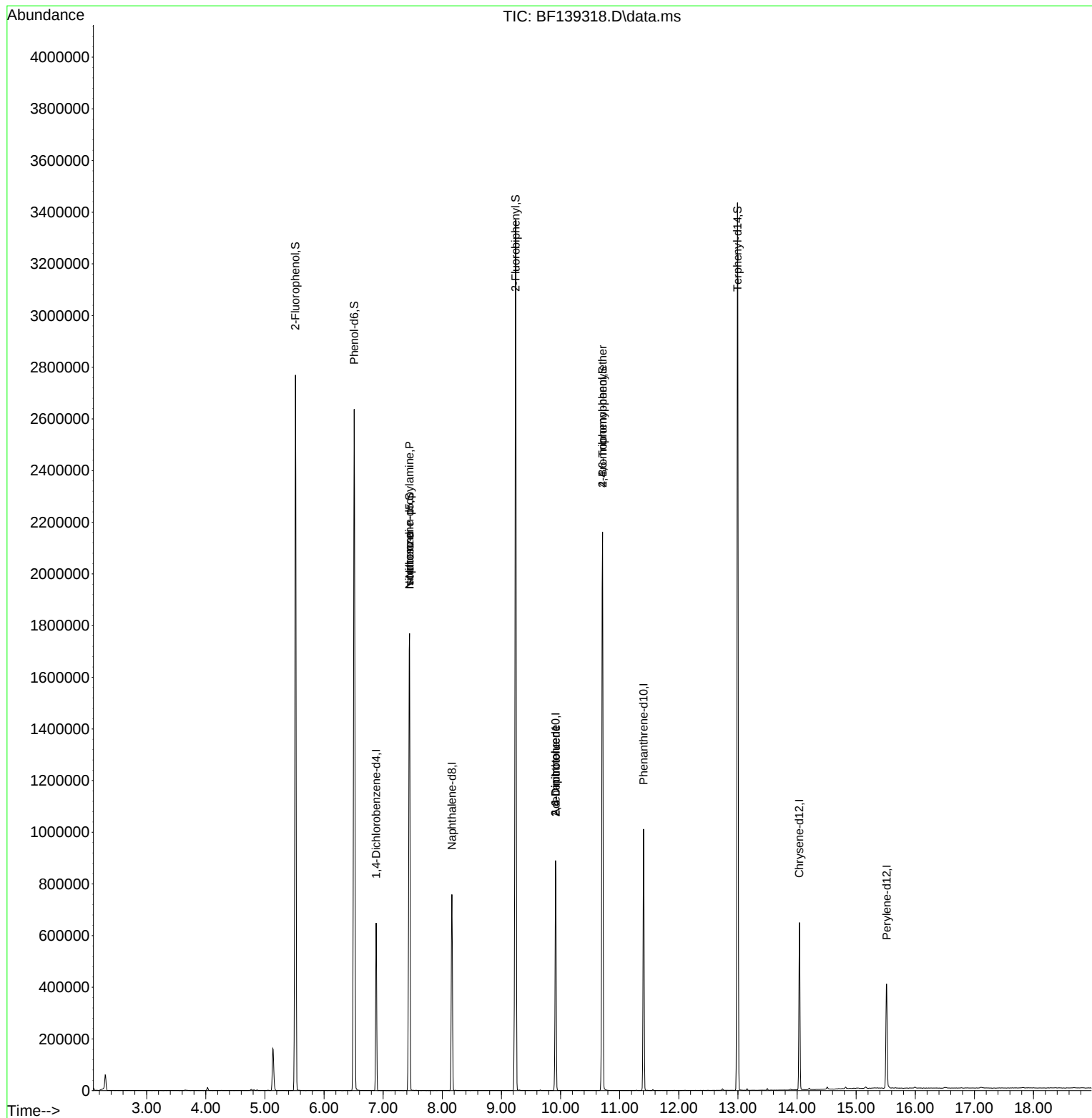
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	125561	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	477210	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	273726	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	526398	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	297886	20.000	ng	-0.01
86) Perylene-d12	15.515	264	242419	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	991234	132.064	ng	0.01
7) Phenol-d6	6.510	99	1290280	128.770	ng	0.00
23) Nitrobenzene-d5	7.445	82	868329	94.660	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	356795	150.950	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1617886	91.239	ng	-0.01
79) Terphenyl-d14	12.992	244	1737449	94.172	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	119583	20.722	ng	# 75
25) Isophorone	7.445	82	865305	55.175	ng	# 67
51) 2,6-Dinitrotoluene	9.916	165	34691	9.217	ng	# 18
57) 2,4-Dinitrotoluene	9.916	165	34691	7.242	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	24508	4.799	ng	# 1

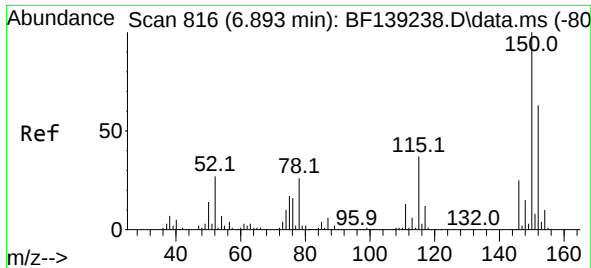
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 04 16:11:43 2024
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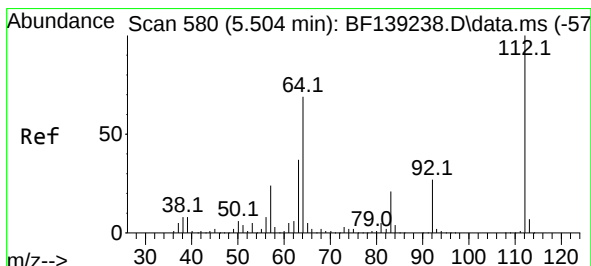
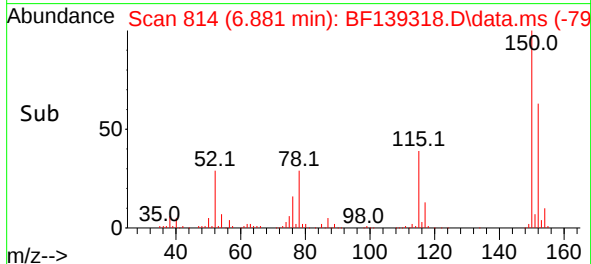
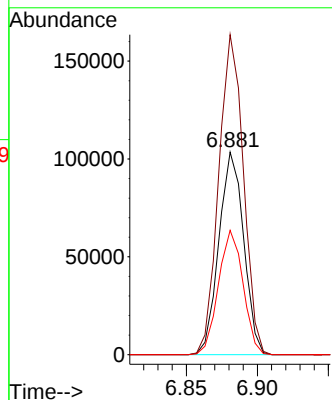
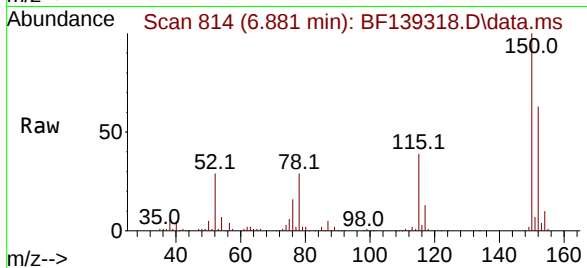




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF139318.D
Acq: 11 Sep 2024 11:50

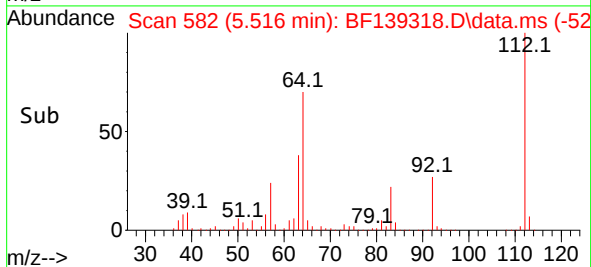
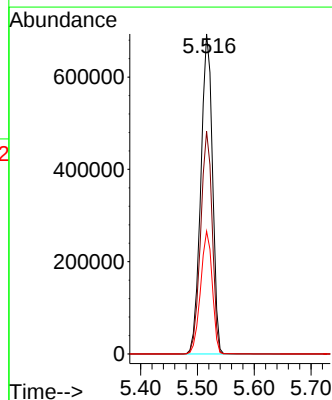
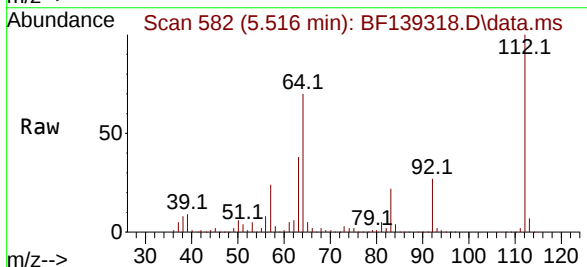
Instrument :
BNA_F
ClientSampleId :
PB163274BL

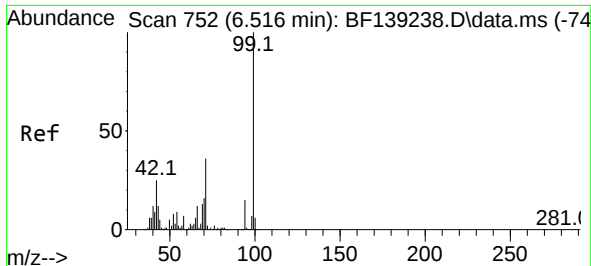
Tgt Ion:152 Resp: 125561
Ion Ratio Lower Upper
152 100
150 158.0 127.0 190.4
115 61.4 46.9 70.3



#5
2-Fluorophenol
Concen: 132.064 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF139318.D
Acq: 11 Sep 2024 11:50

Tgt Ion:112 Resp: 991234
Ion Ratio Lower Upper
112 100
64 69.6 55.0 82.4
63 38.4 29.9 44.9





#7
Phenol-d6
Concen: 128.770 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF139318.D
Acq: 11 Sep 2024 11:50

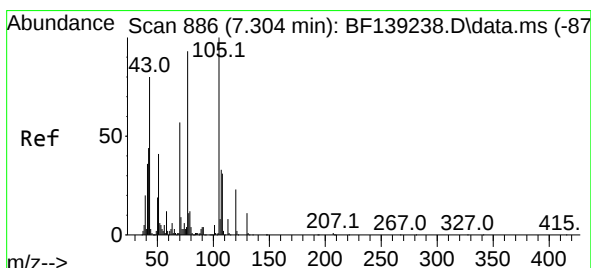
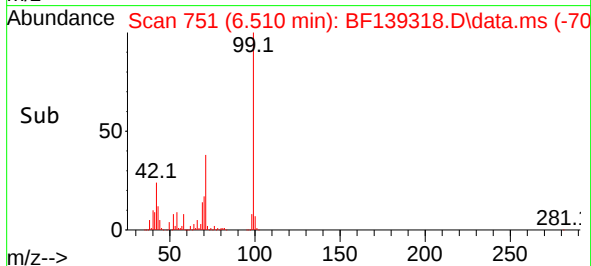
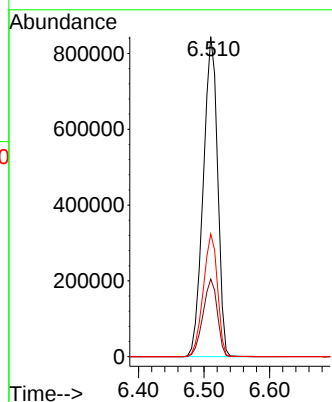
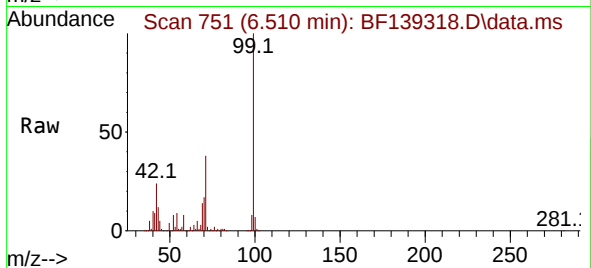
Instrument :

BNA_F

ClientSampleId :

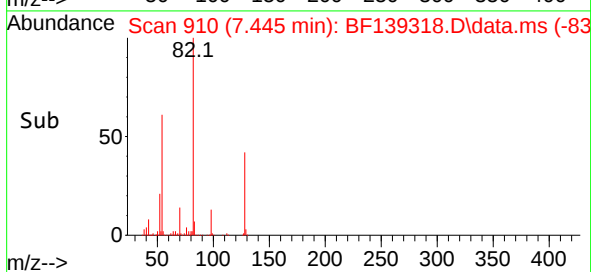
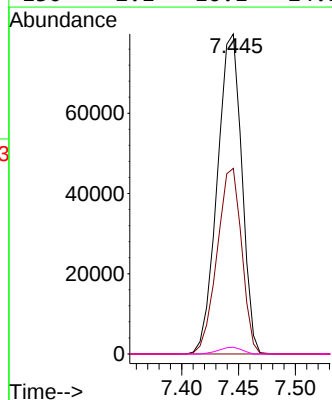
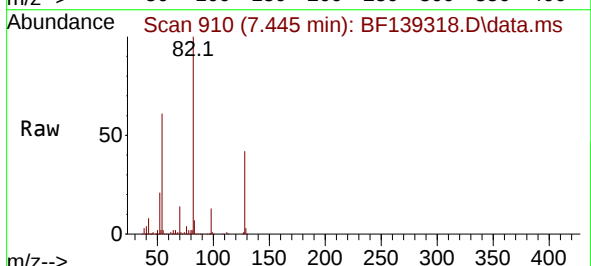
PB163274BL

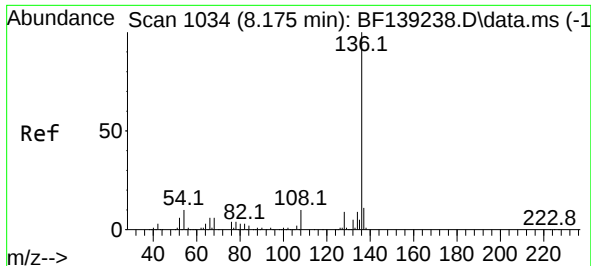
Tgt Ion: 99 Resp: 1290280
Ion Ratio Lower Upper
99 100
42 24.3 19.8 29.6
71 38.4 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 20.722 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139318.D
Acq: 11 Sep 2024 11:50

Tgt Ion: 70 Resp: 119583
Ion Ratio Lower Upper
70 100
42 58.0 61.0 91.6#
101 0.0 7.2 10.8#
130 2.1 16.1 24.1#



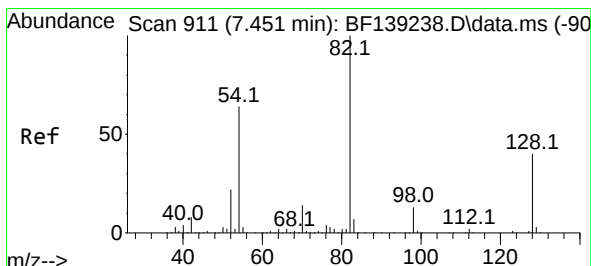
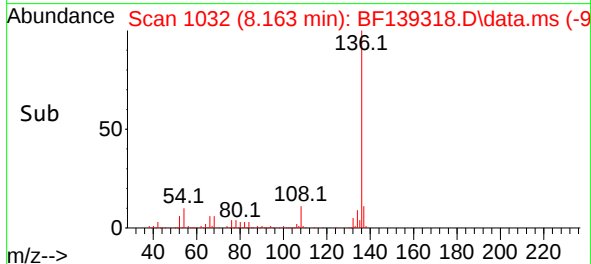
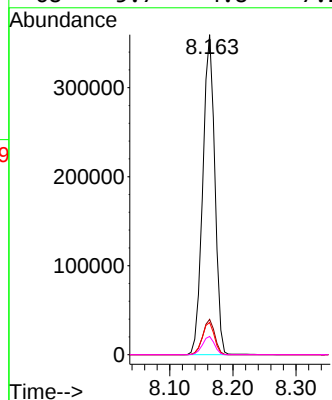
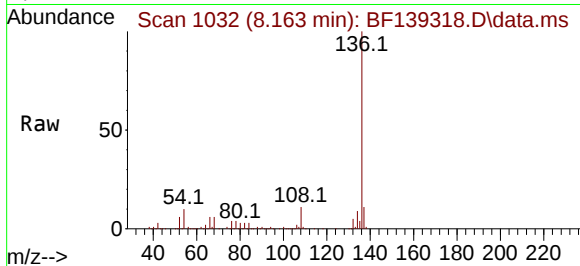


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF139318.D
Acq: 11 Sep 2024 11:50

Instrument :
BNA_F
ClientSampleId :
PB163274BL

Tgt Ion:136 Resp: 477210

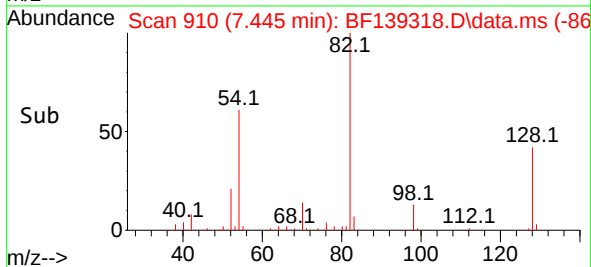
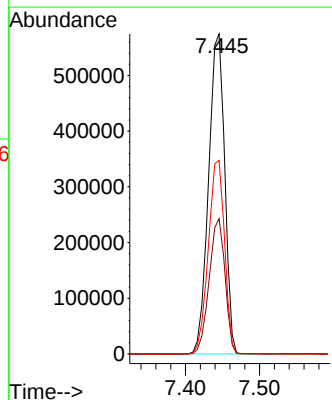
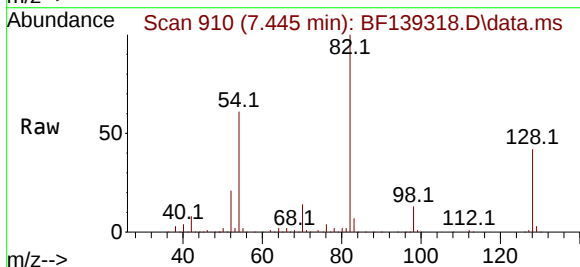
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.0	8.4	12.6
68	5.7	4.8	7.2

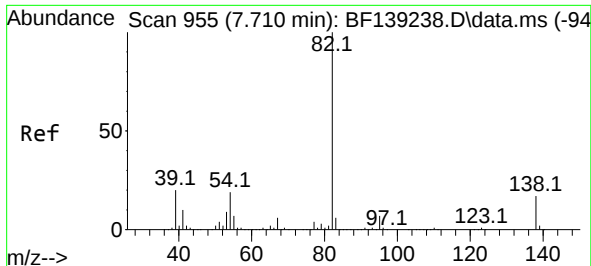


#23
Nitrobenzene-d5
Concen: 94.660 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139318.D
Acq: 11 Sep 2024 11:50

Tgt Ion: 82 Resp: 868329

Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.3	48.5
54	60.5	51.2	76.8

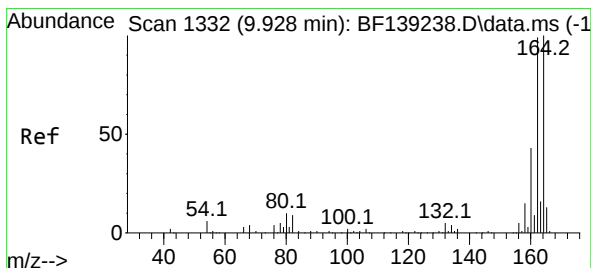
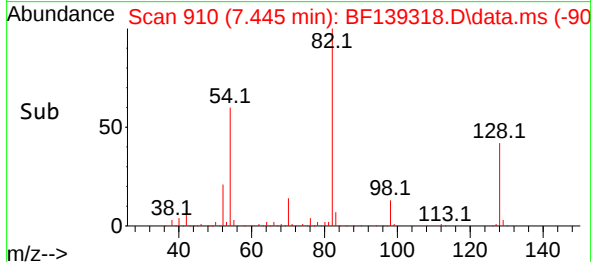
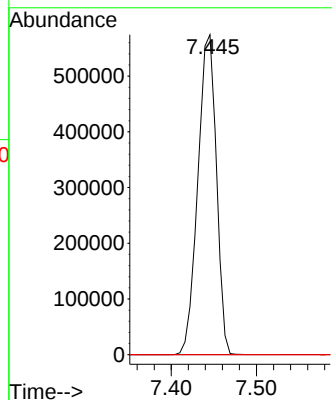
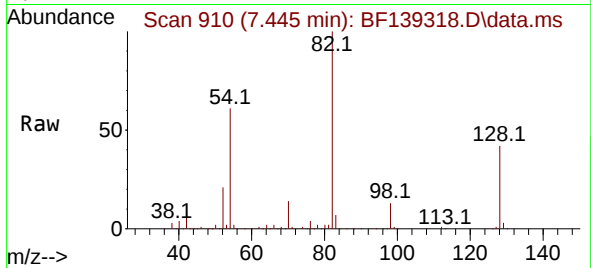




#25
Isophorone
Concen: 55.175 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139318.D
Acq: 11 Sep 2024 11:50

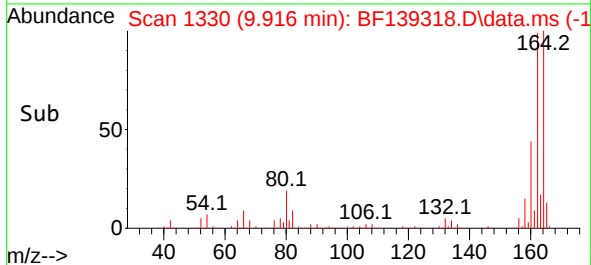
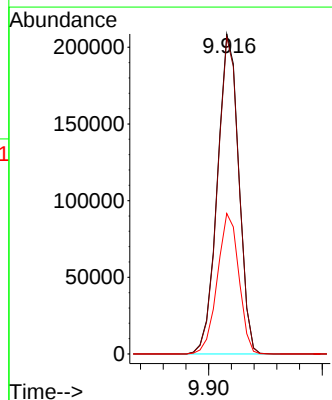
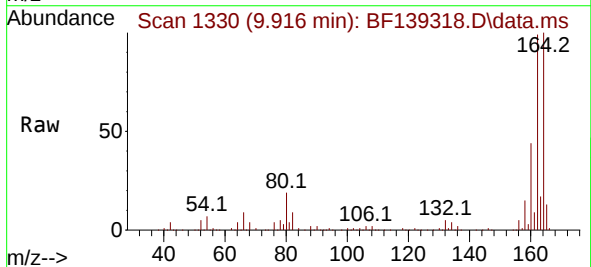
Instrument :
BNA_F
ClientSampleId :
PB163274BL

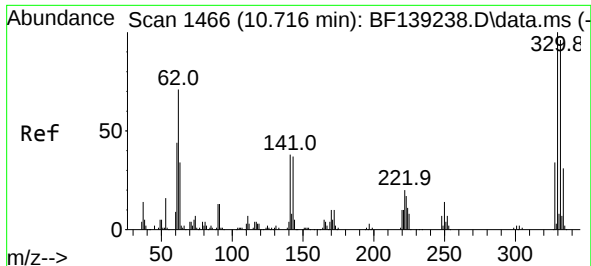
Tgt Ion: 82 Resp: 865305
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF139318.D
Acq: 11 Sep 2024 11:50

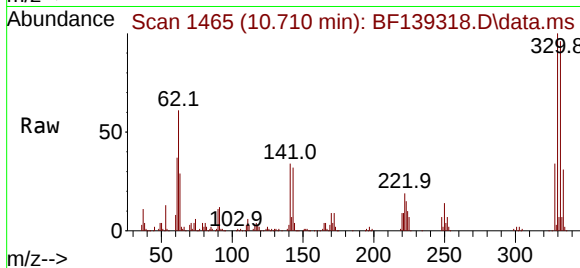
Tgt Ion:164 Resp: 273726
Ion Ratio Lower Upper
164 100
162 99.0 79.2 118.8
160 43.9 34.2 51.2



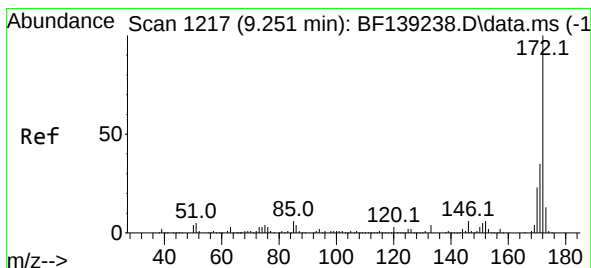
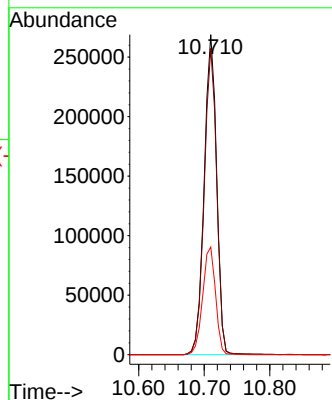
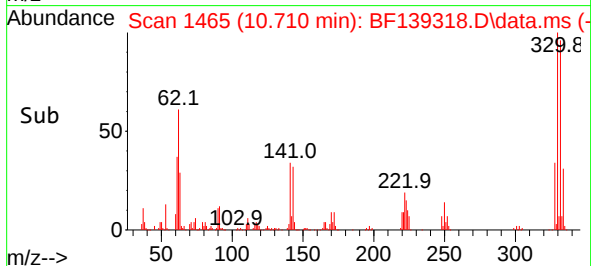


#42
2,4,6-Tribromophenol
Concen: 150.950 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139318.D
Acq: 11 Sep 2024 11:50

Instrument :
BNA_F
ClientSampleId :
PB163274BL

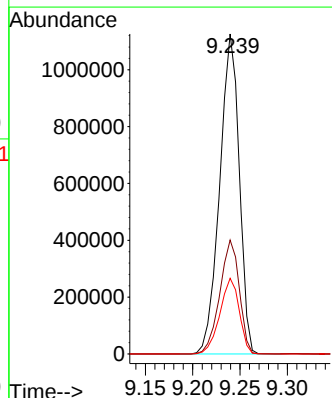
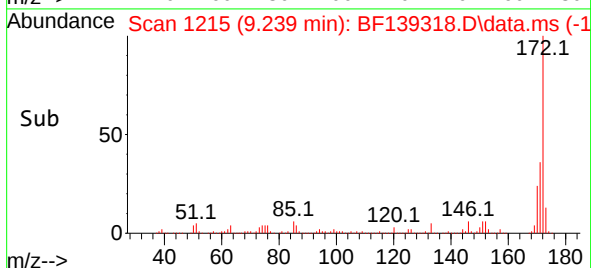
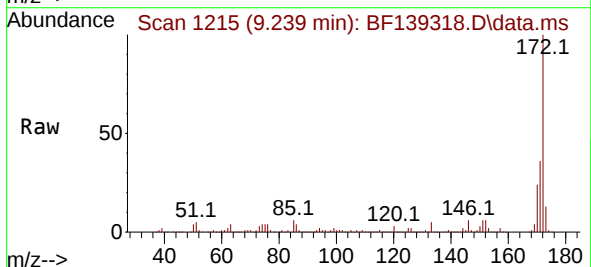


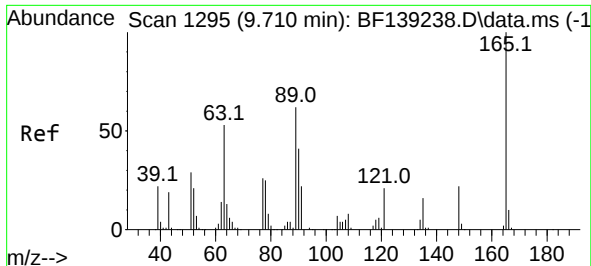
Tgt Ion:330 Resp: 356795
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 34.8 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 91.239 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF139318.D
Acq: 11 Sep 2024 11:50

Tgt Ion:172 Resp: 1617886
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.6 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.217 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF139318.D

Acq: 11 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163274BL

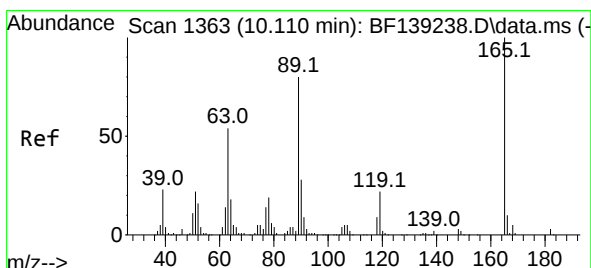
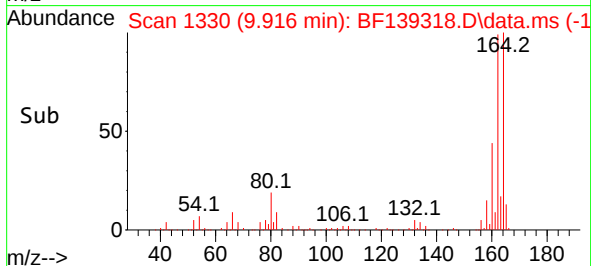
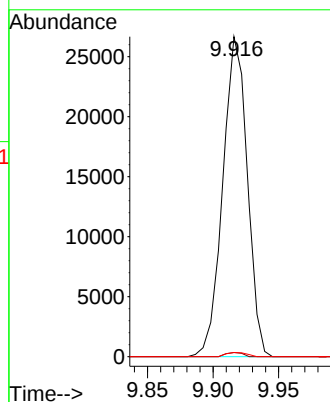
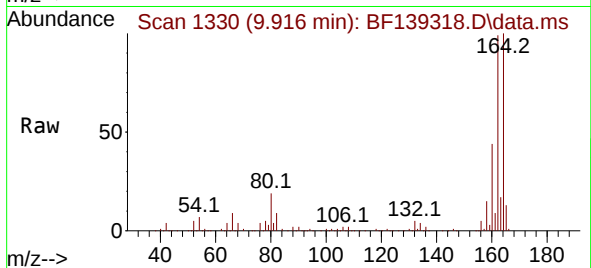
Tgt Ion:165 Resp: 34691

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: 7.242 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.194 min

Lab File: BF139318.D

Acq: 11 Sep 2024 11:50

Tgt Ion:165 Resp: 34691

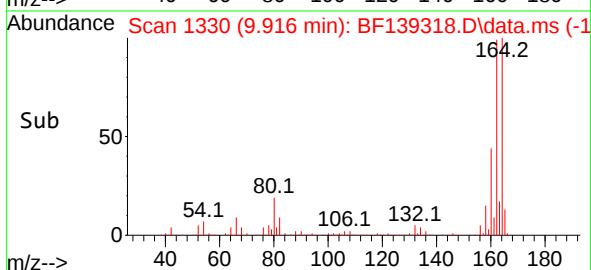
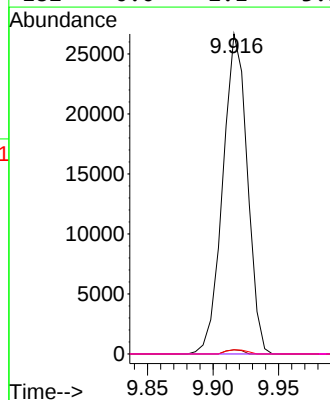
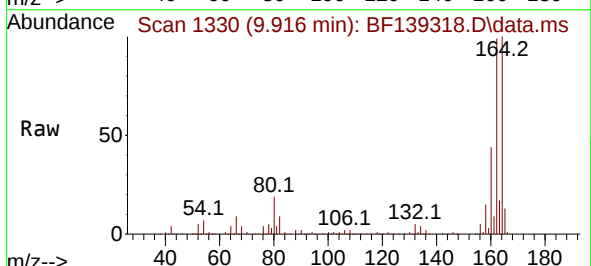
Ion Ratio Lower Upper

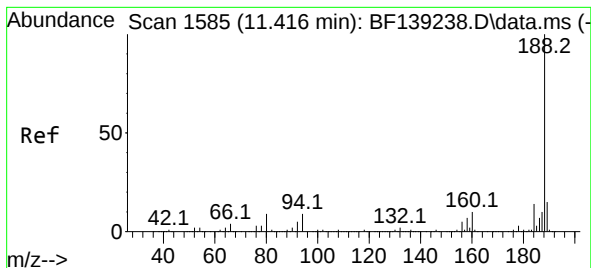
165 100

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: 11.404 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139318.D

Acq: 11 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163274BL

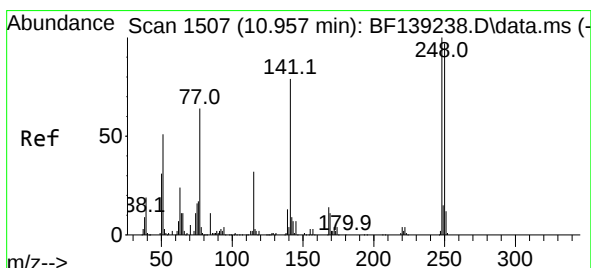
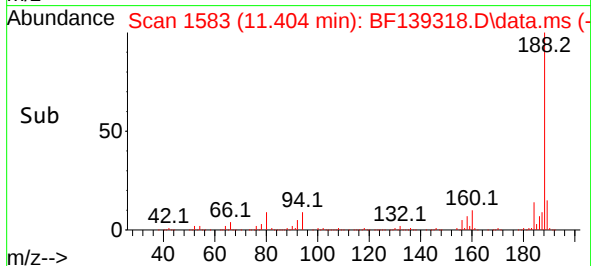
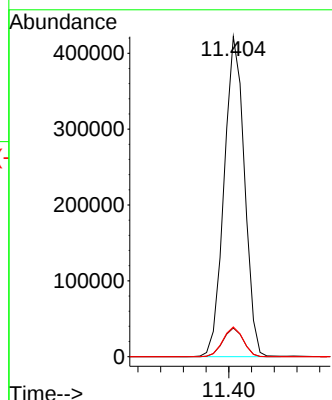
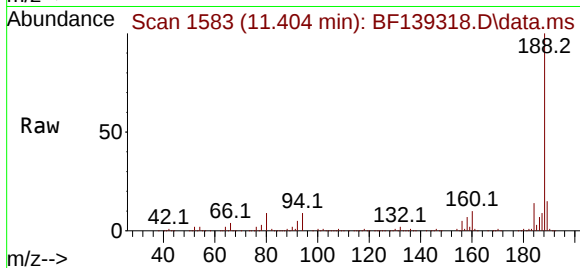
Tgt Ion:188 Resp: 526398

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

80 9.3 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.799 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139318.D

Acq: 11 Sep 2024 11:50

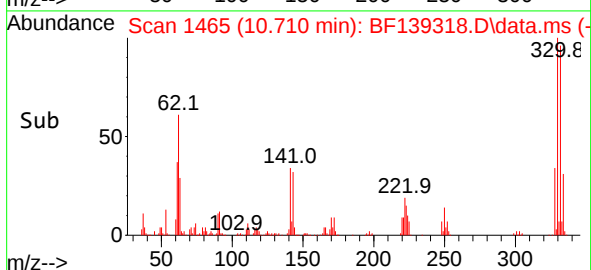
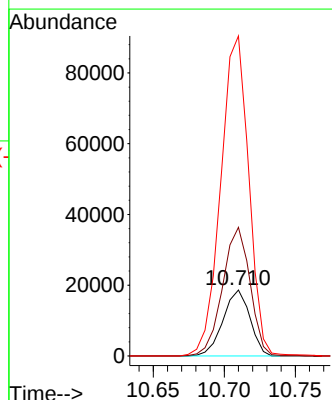
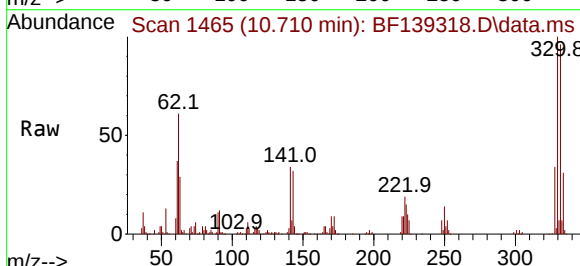
Tgt Ion:248 Resp: 24508

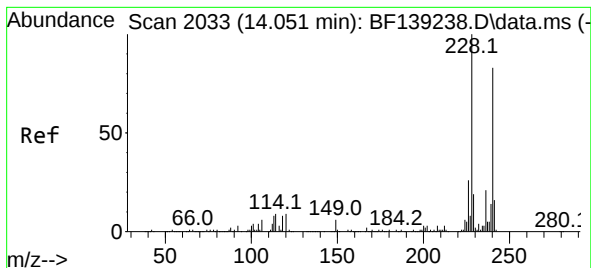
Ion Ratio Lower Upper

248 100

250 195.1 77.2 115.8#

141 485.4 63.6 95.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF139318.D

Acq: 11 Sep 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB163274BL

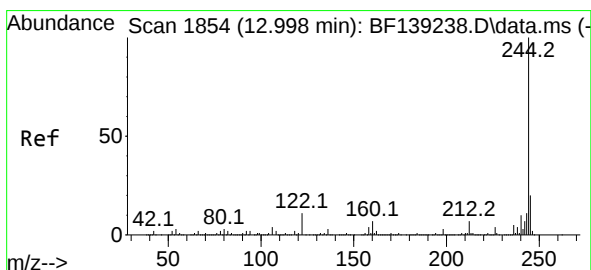
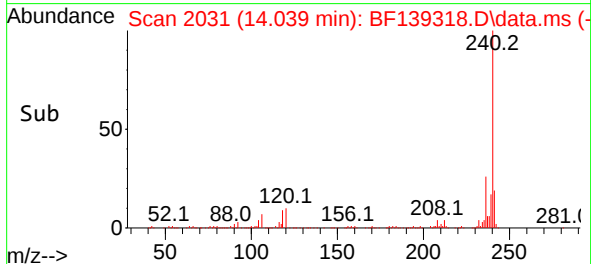
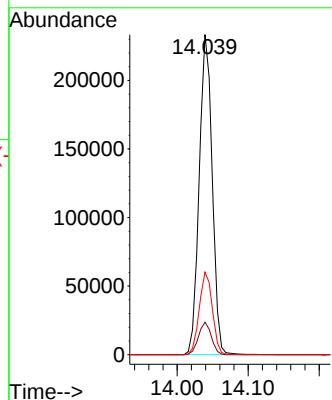
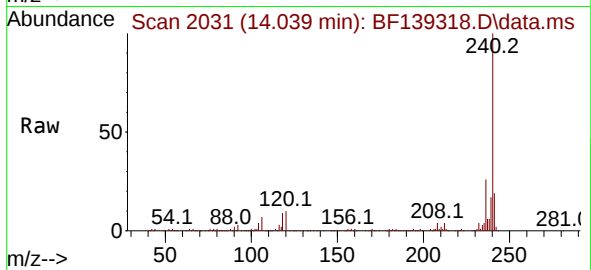
Tgt Ion:240 Resp: 297886

Ion Ratio Lower Upper

240 100

120 10.1 8.6 12.8

236 25.8 20.7 31.1



#79

Terphenyl-d14

Concen: 94.172 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139318.D

Acq: 11 Sep 2024 11:50

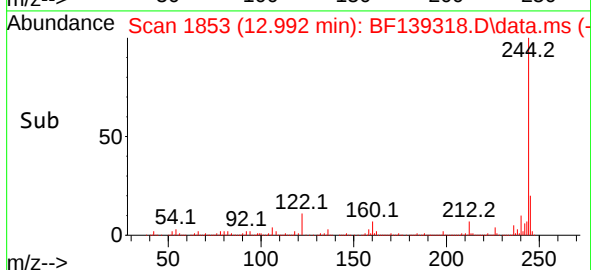
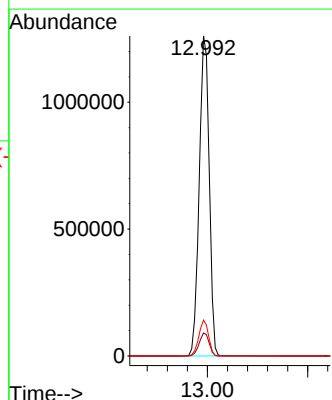
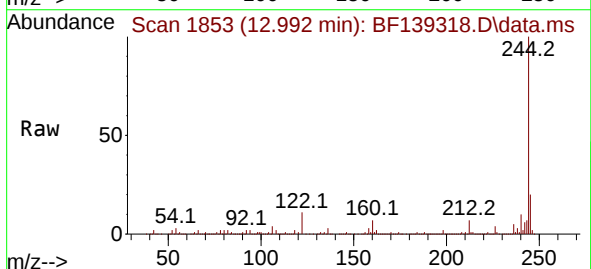
Tgt Ion:244 Resp: 1737449

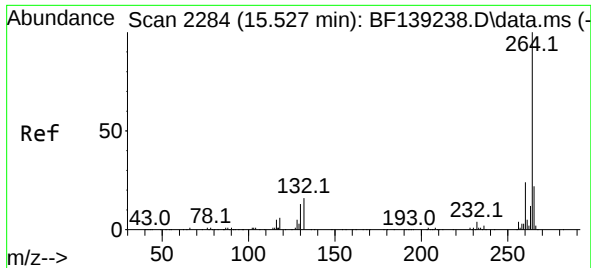
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

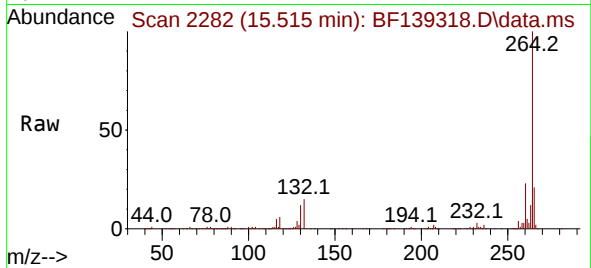
122 11.2 8.7 13.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF139318.D
 Acq: 11 Sep 2024 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB163274BL



Tgt Ion:264 Resp: 242419
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 21.4 17.3 25.9

