

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139653.D
 Acq On : 04 Oct 2024 13:11
 Operator : RC/JU
 Sample : PB163834BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163834BL

Quant Time: Oct 04 13:34:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

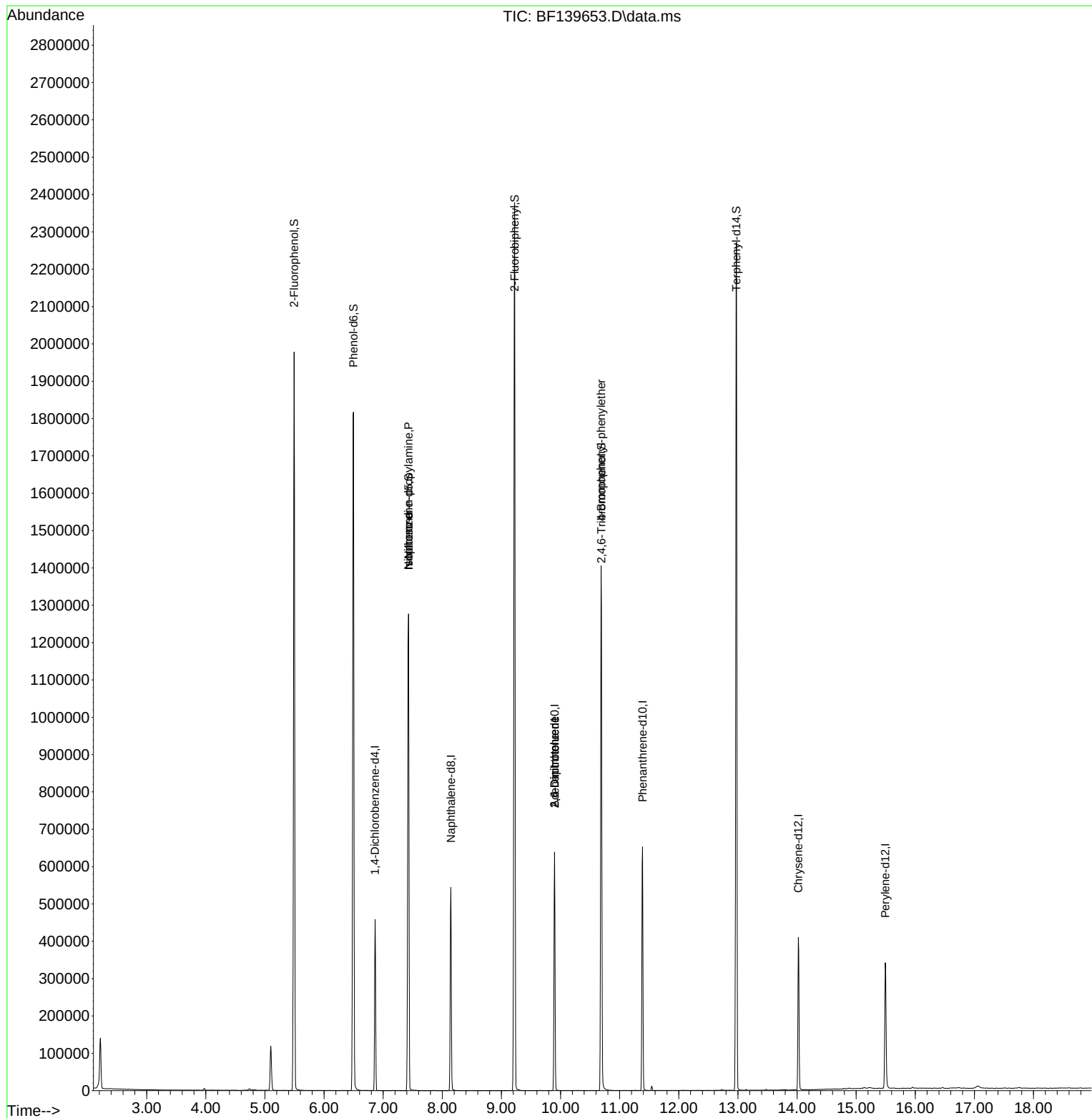
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	90160	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	339462	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	186833	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	350629	20.000	ng	0.00
76) Chrysene-d12	14.022	240	196285	20.000	ng	-0.01
86) Perylene-d12	15.492	264	203754	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	687122	132.093	ng	0.00
7) Phenol-d6	6.499	99	889135	127.104	ng	0.00
23) Nitrobenzene-d5	7.428	82	585816	87.374	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	222713	123.485	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1073873	88.239	ng	0.00
79) Terphenyl-d14	12.975	244	1147397	95.916	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	79562	17.691	ng	# 75
25) Isophorone	7.428	82	580789	48.771	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	24425	8.841	ng	# 18
57) 2,4-Dinitrotoluene	9.898	165	24425	6.764	ng	# 17
67) 4-Bromophenyl-phenylether	10.687	248	15342	4.268	ng	# 1

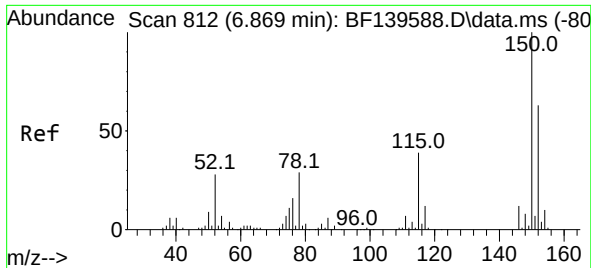
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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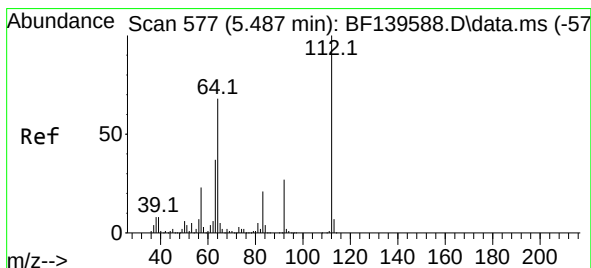
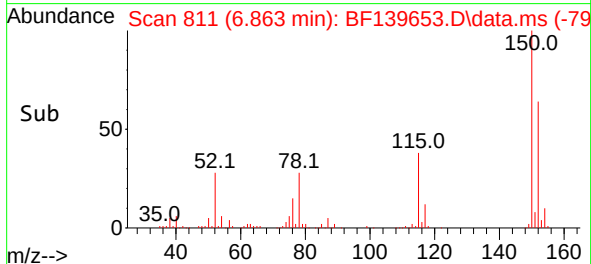
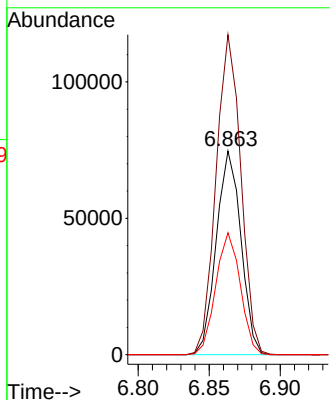
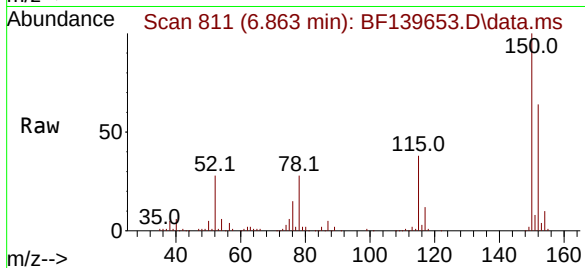




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139653.D
Acq: 04 Oct 2024 13:11

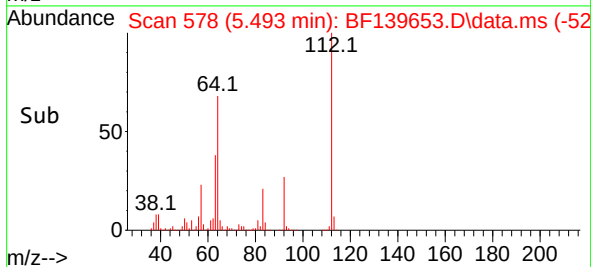
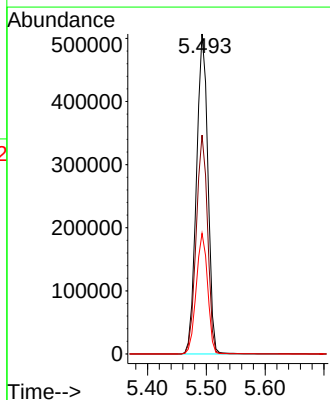
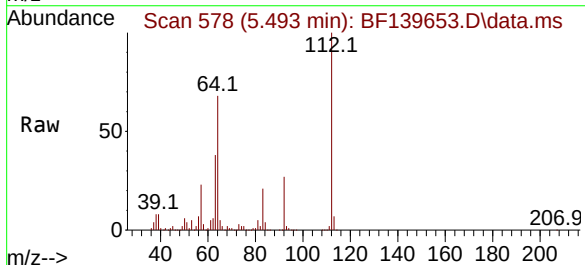
Instrument :
BNA_F
ClientSampleId :
PB163834BL

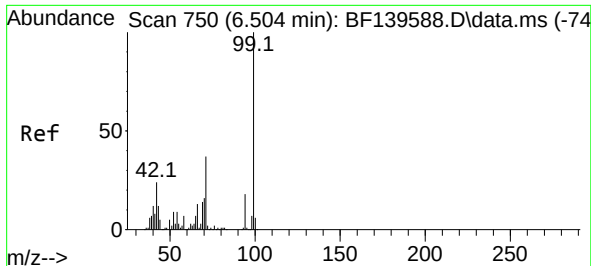
Tgt Ion:152 Resp: 90160
Ion Ratio Lower Upper
152 100
150 157.1 127.2 190.8
115 59.8 49.0 73.4



#5
2-Fluorophenol
Concen: 132.093 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF139653.D
Acq: 04 Oct 2024 13:11

Tgt Ion:112 Resp: 687122
Ion Ratio Lower Upper
112 100
64 68.4 54.2 81.4
63 37.7 29.4 44.2

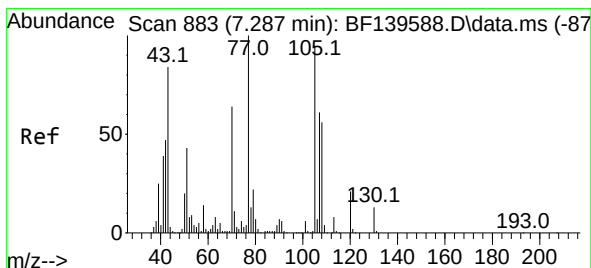
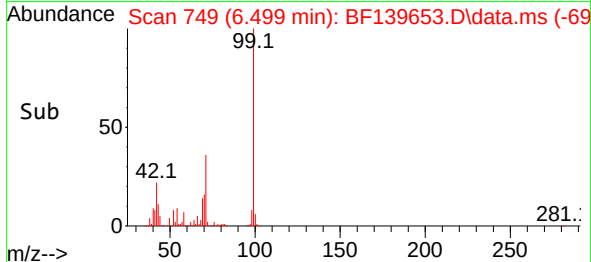
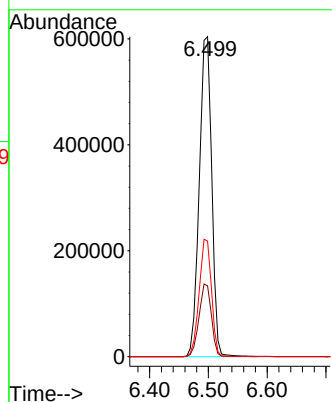
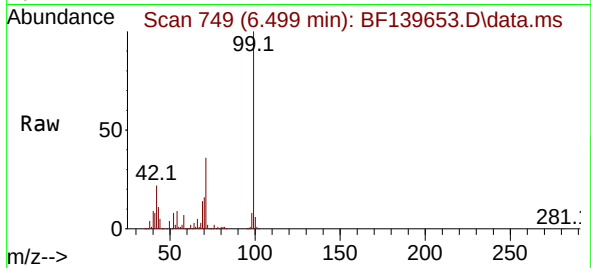




#7
Phenol-d6
Concen: 127.104 ng
RT: 6.499 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139653.D
Acq: 04 Oct 2024 13:11

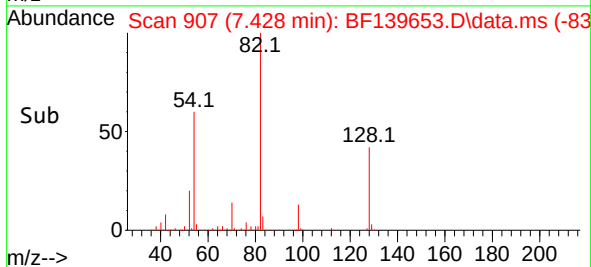
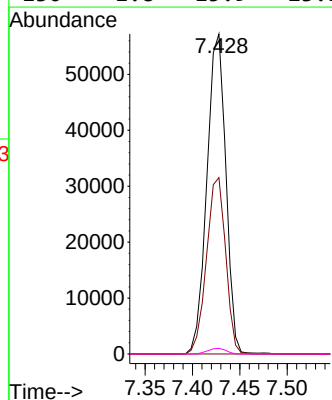
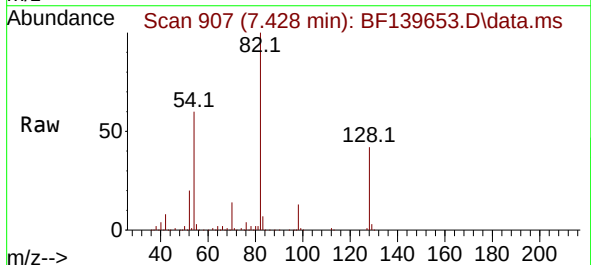
Instrument :
BNA_F
ClientSampleId :
PB163834BL

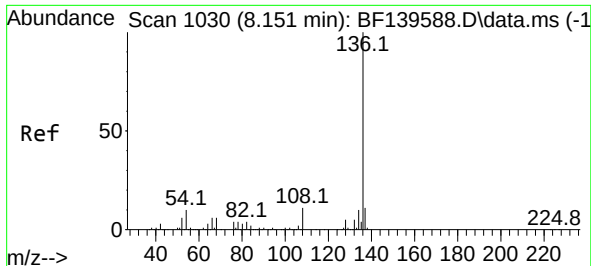
Tgt Ion: 99 Resp: 889135
Ion Ratio Lower Upper
99 100
42 22.1 19.1 28.7
71 36.2 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.691 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139653.D
Acq: 04 Oct 2024 13:11

Tgt Ion: 70 Resp: 79562
Ion Ratio Lower Upper
70 100
42 55.1 58.0 87.0#
101 0.0 7.8 11.8#
130 1.8 15.9 23.9#



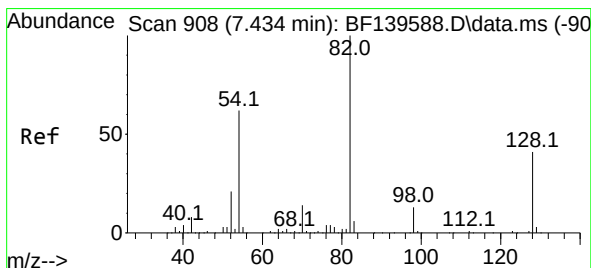
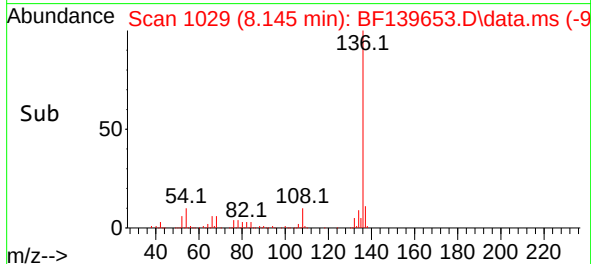
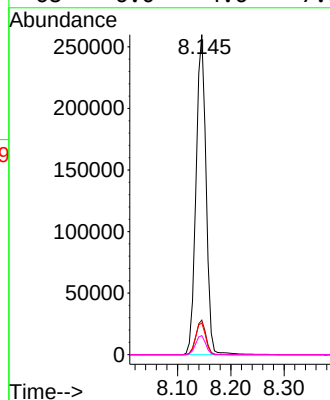
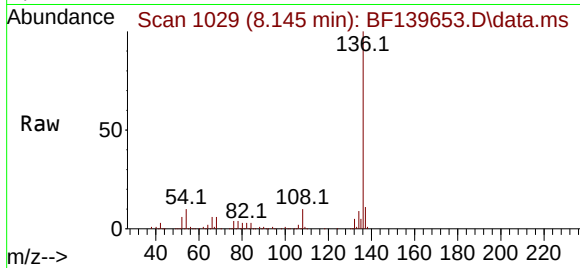


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139653.D
Acq: 04 Oct 2024 13:11

Instrument :
BNA_F
ClientSampleId :
PB163834BL

Tgt Ion:136 Resp: 339462

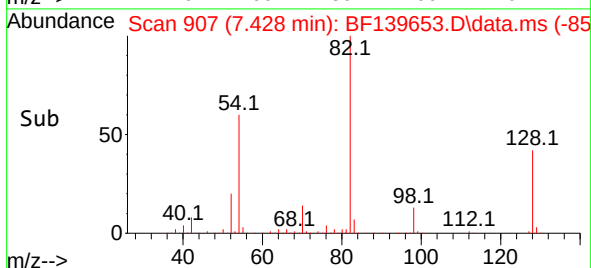
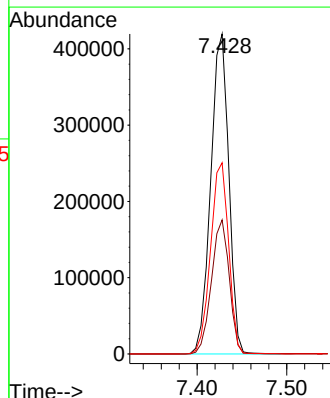
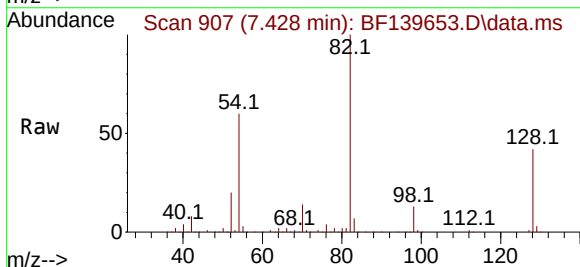
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.9	8.3	12.5
68	6.0	4.6	7.0

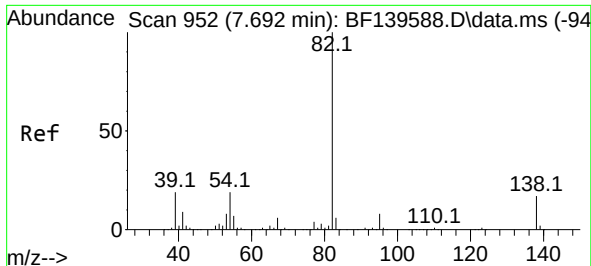


#23
Nitrobenzene-d5
Concen: 87.374 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139653.D
Acq: 04 Oct 2024 13:11

Tgt Ion: 82 Resp: 585816

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.4	48.6
54	59.7	49.1	73.7

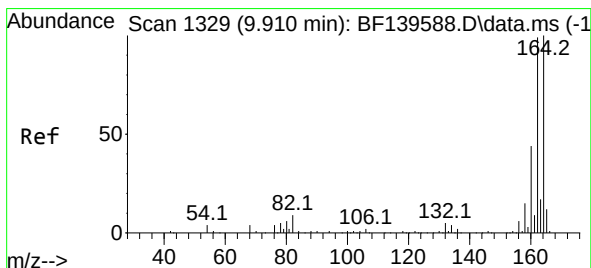
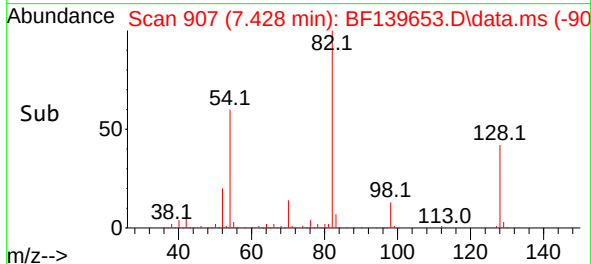
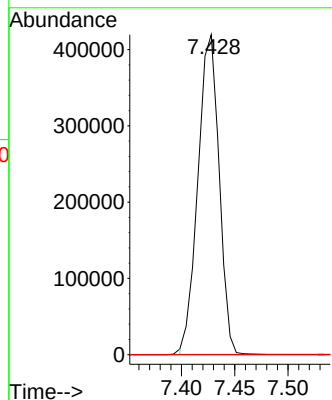
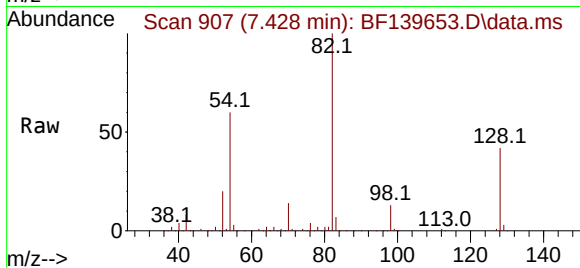




#25
Isophorone
Concen: 48.771 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139653.D
Acq: 04 Oct 2024 13:11

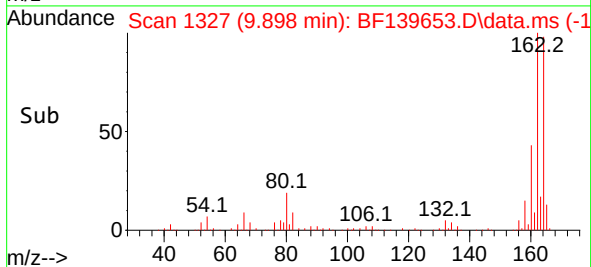
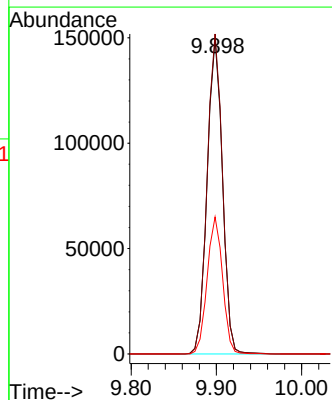
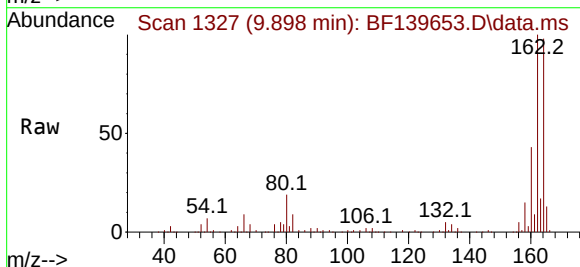
Instrument :
BNA_F
ClientSampleId :
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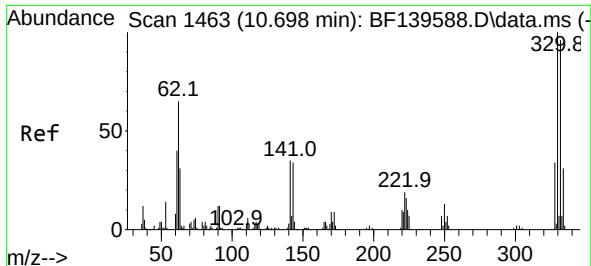
Tgt Ion: 82 Resp: 580789
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139653.D
Acq: 04 Oct 2024 13:11

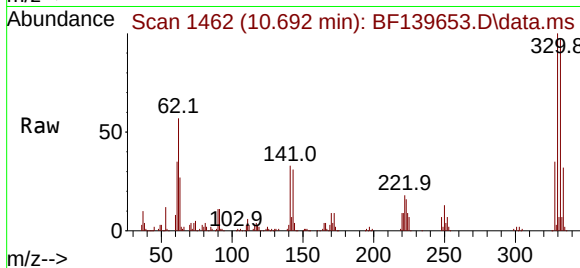
Tgt Ion:164 Resp: 186833
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.0
160 43.5 35.1 52.7



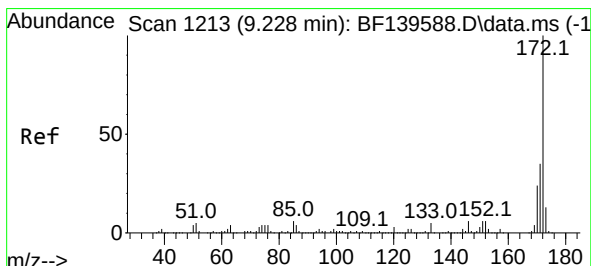
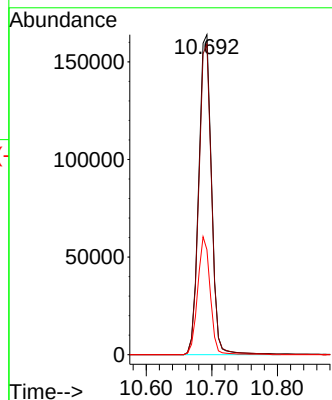
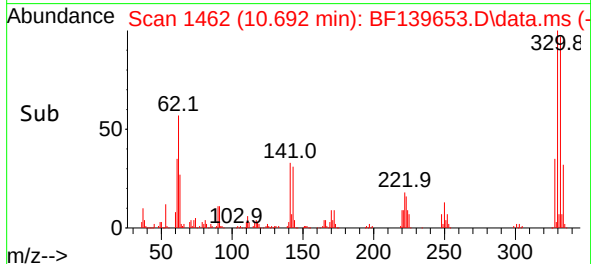


#42
2,4,6-Tribromophenol
Concen: 123.485 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139653.D
Acq: 04 Oct 2024 13:11

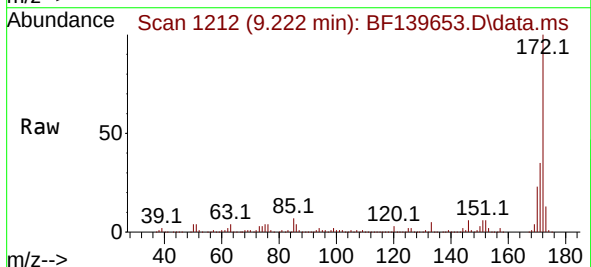
Instrument :
BNA_F
ClientSampleId :
PB163834BL



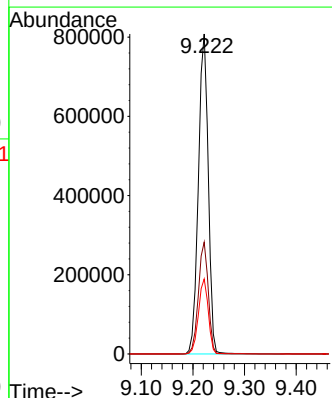
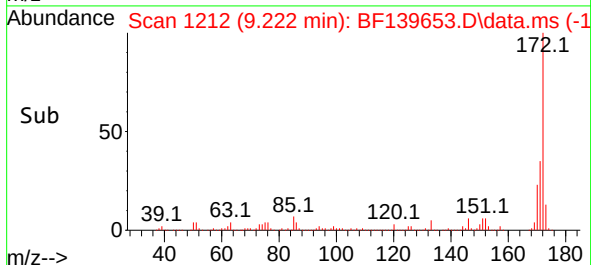
Tgt Ion:330 Resp: 222713
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 36.1 29.3 43.9

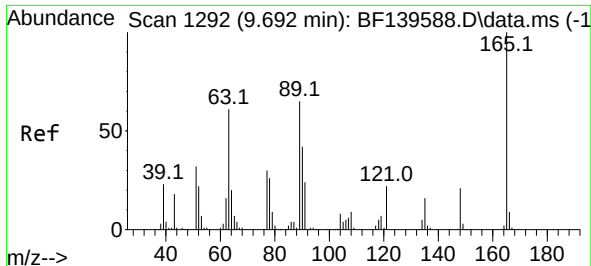


#45
2-Fluorobiphenyl
Concen: 88.239 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139653.D
Acq: 04 Oct 2024 13:11



Tgt Ion:172 Resp: 1073873
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.5 18.8 28.2

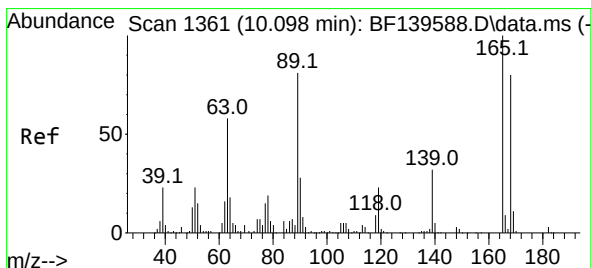
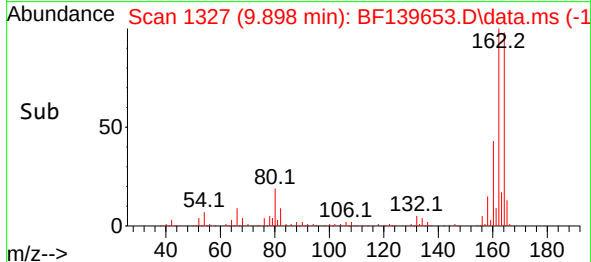
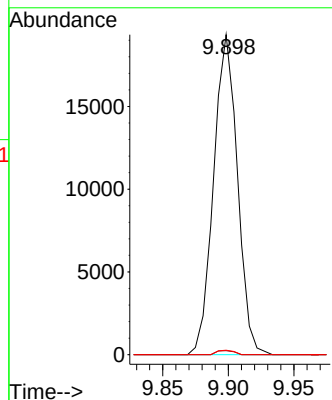
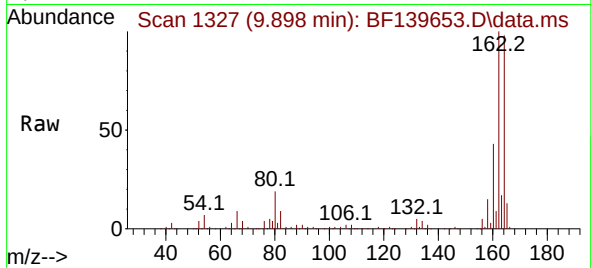




#51
2,6-Dinitrotoluene
Concen: 8.841 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139653.D
Acq: 04 Oct 2024 13:11

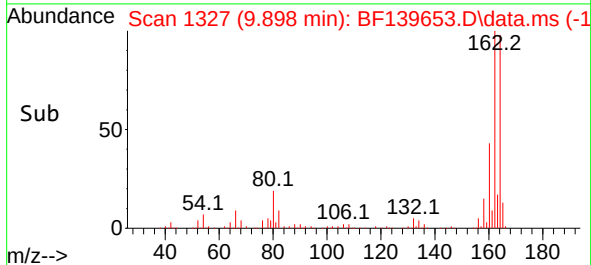
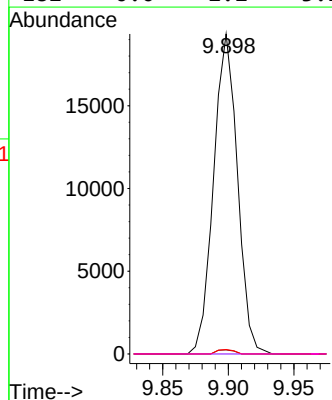
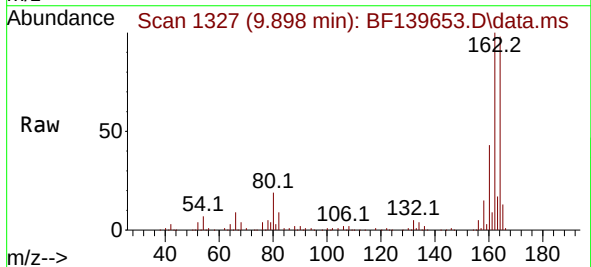
Instrument :
BNA_F
ClientSampleId :
PB163834BL

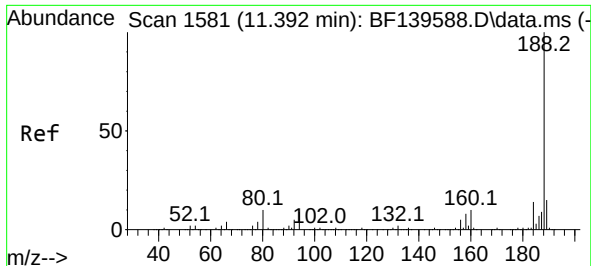
Tgt Ion:165 Resp: 24425
Ion Ratio Lower Upper
165 100
63 1.2 56.7 85.1#
89 1.4 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.764 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139653.D
Acq: 04 Oct 2024 13:11

Tgt Ion:165 Resp: 24425
Ion Ratio Lower Upper
165 100
63 1.2 46.9 70.3#
89 1.4 64.4 96.6#
182 0.0 2.2 3.2#

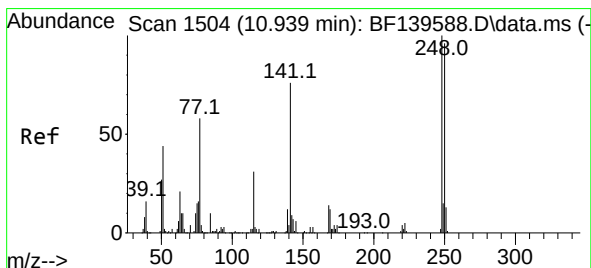
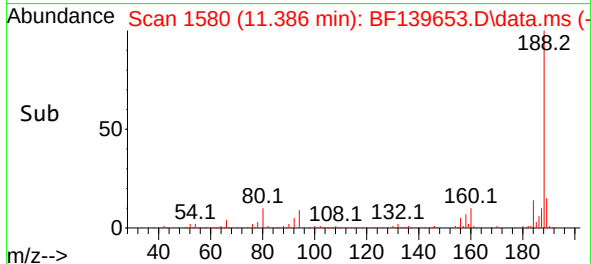
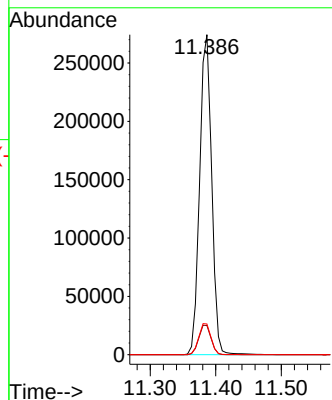
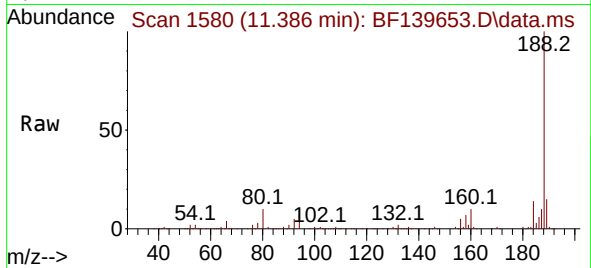




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139653.D
Acq: 04 Oct 2024 13:11

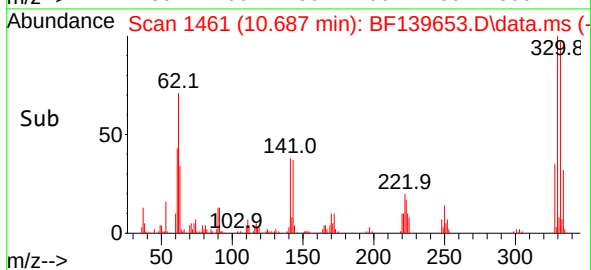
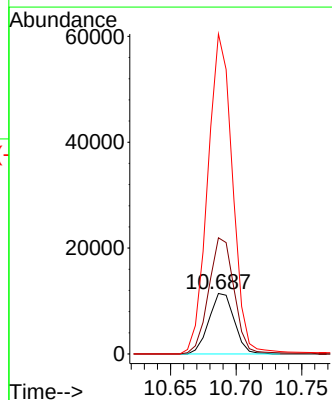
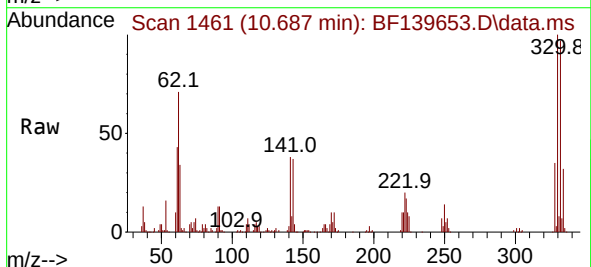
Instrument :
BNA_F
ClientSampleId :
PB163834BL

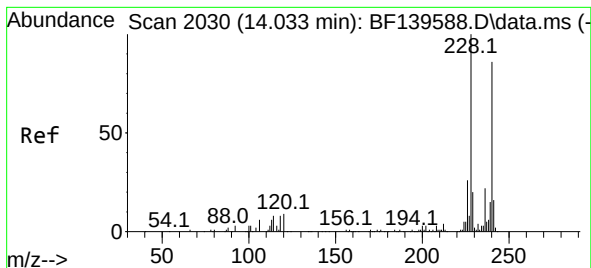
Tgt Ion:188 Resp: 350629
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.6 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.268 ng
RT: 10.687 min Scan# 1461
Delta R.T. -0.253 min
Lab File: BF139653.D
Acq: 04 Oct 2024 13:11

Tgt Ion:248 Resp: 15342
Ion Ratio Lower Upper
248 100
250 192.0 77.1 115.7#
141 529.2 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.022 min Scan# 2030

Delta R.T. -0.011 min

Lab File: BF139653.D

Acq: 04 Oct 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB163834BL

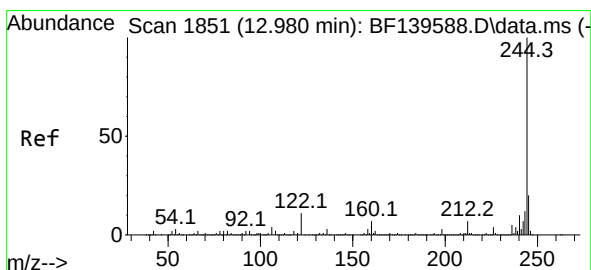
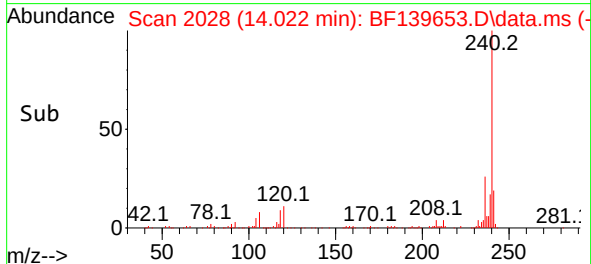
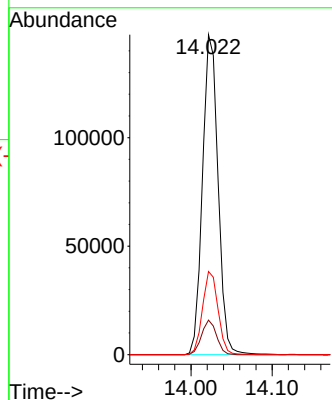
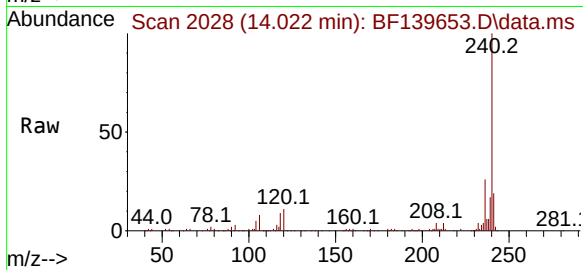
Tgt Ion:240 Resp: 196285

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

236 26.0 20.3 30.5



#79

Terphenyl-d14

Concen: 95.916 ng

RT: 12.975 min Scan# 1850

Delta R.T. -0.005 min

Lab File: BF139653.D

Acq: 04 Oct 2024 13:11

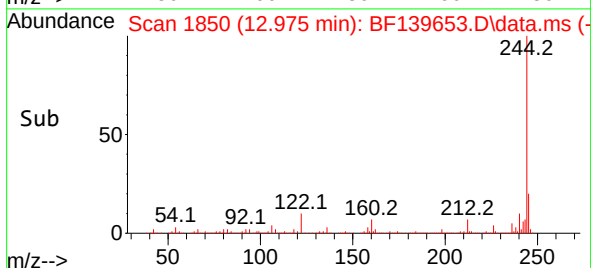
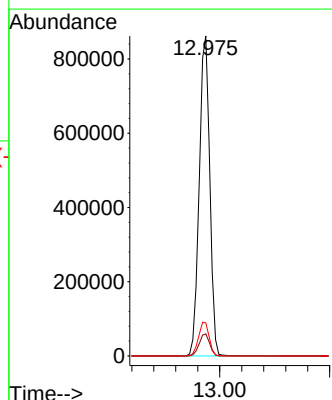
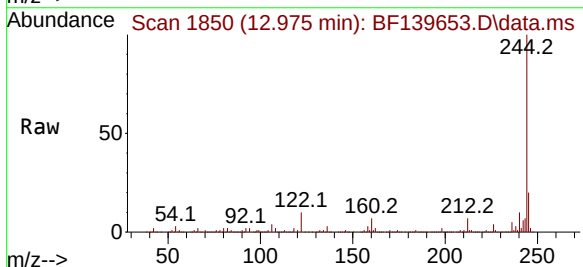
Tgt Ion:244 Resp: 1147397

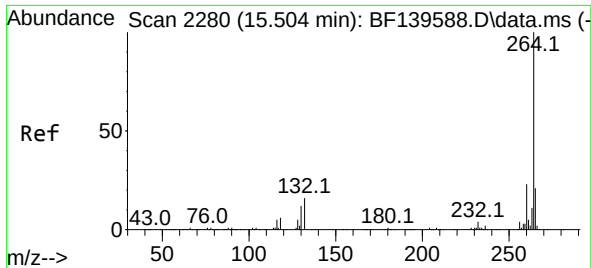
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 10.3 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF139653.D
 Acq: 04 Oct 2024 13:11

Instrument :
 BNA_F
 ClientSampleId :
 PB163834BL

Tgt Ion:264 Resp: 203754
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.4 16.9 25.3

