

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139630.D
 Acq On : 03 Oct 2024 14:37
 Operator : RC/JU
 Sample : PB163805TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163805TB

Quant Time: Oct 03 15:06:13 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)

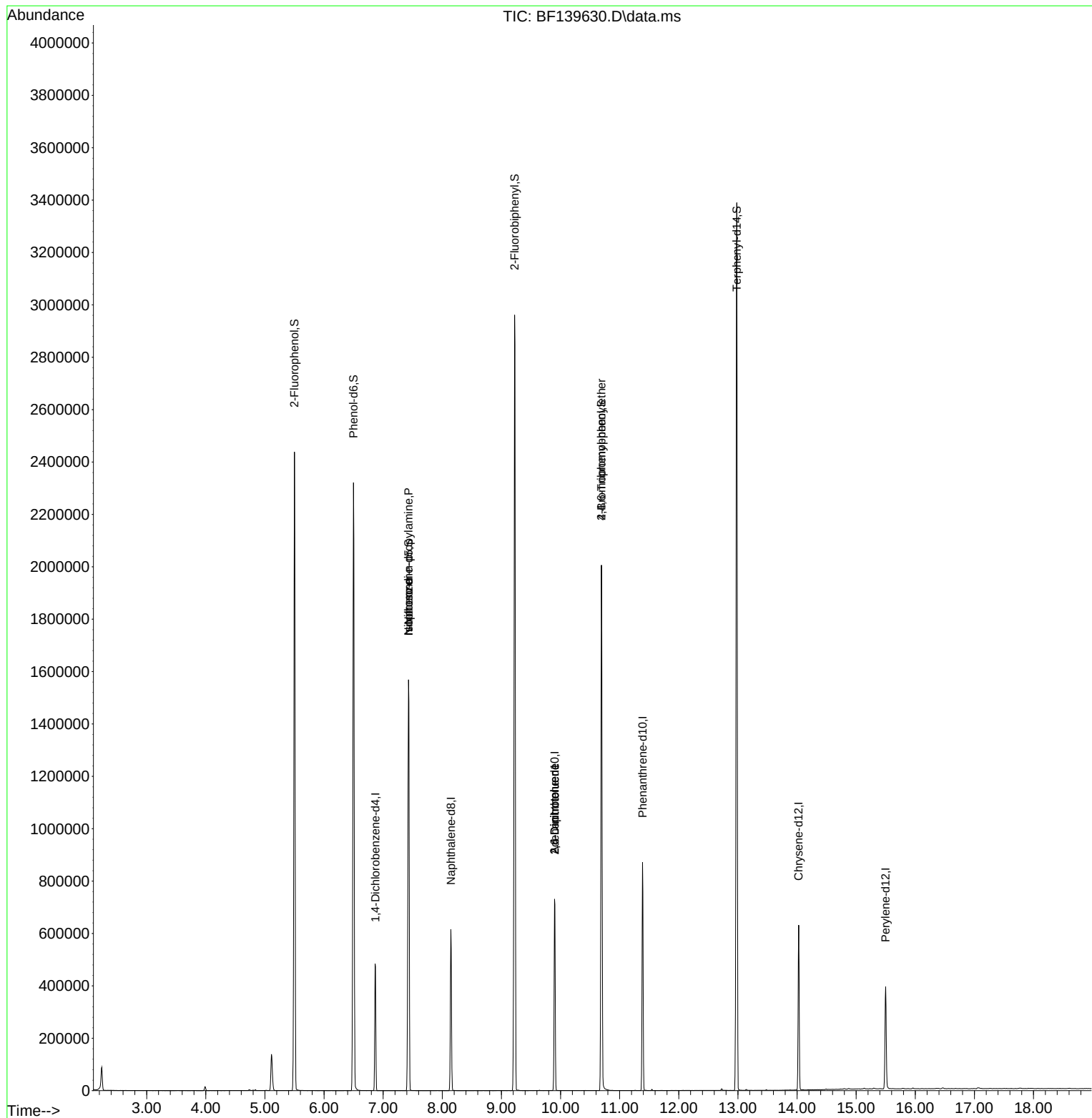
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	99763	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	384233	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	226338	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	453669	20.000	ng	0.00
76) Chrysene-d12	14.027	240	290975	20.000	ng	0.00
86) Perylene-d12	15.498	264	226497	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	871288	151.374	ng	0.01
7) Phenol-d6	6.498	99	1135720	146.727	ng	0.00
23) Nitrobenzene-d5	7.428	82	757784	99.853	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	331704	151.815	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1423808	96.573	ng	0.00
79) Terphenyl-d14	12.980	244	1774277	100.053	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	104407	20.980	ng	# 76
25) Isophorone	7.428	82	755524	56.052	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	28844	8.618	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	28844	6.593	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	21951	4.719	ng	# 1

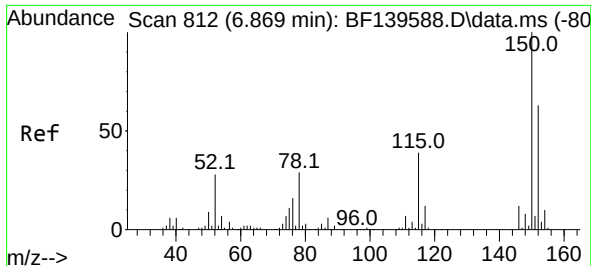
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
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Quant Time: Oct 03 15:06:13 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

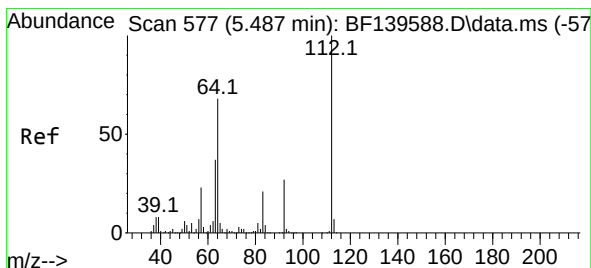
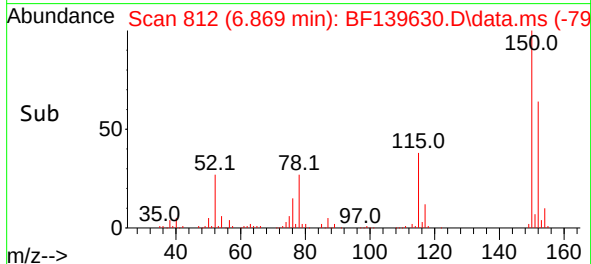
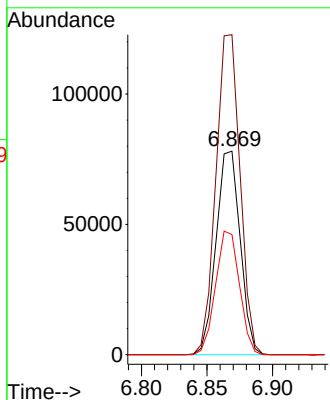
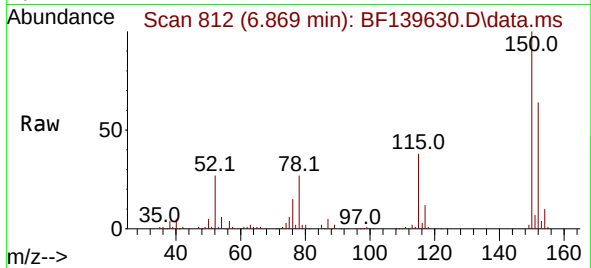




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139630.D
Acq: 03 Oct 2024 14:37

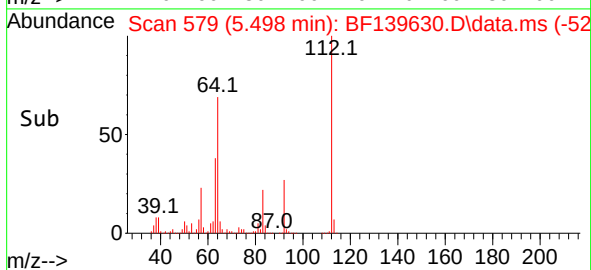
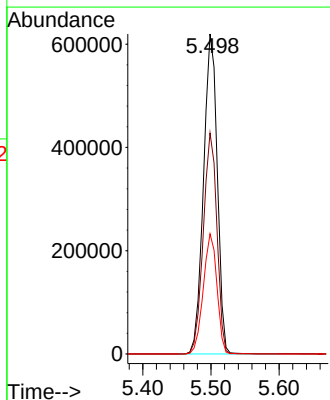
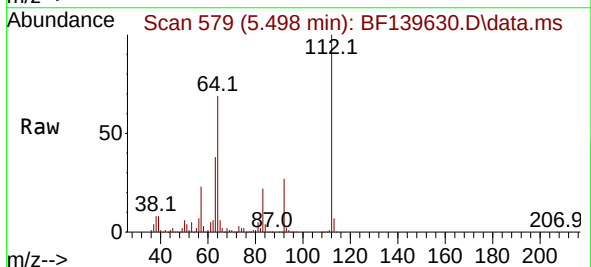
Instrument :
BNA_F
ClientSampleId :
PB163805TB

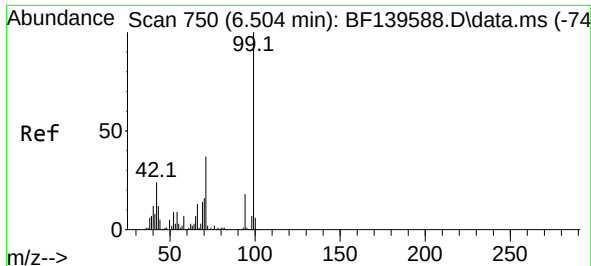
Tgt Ion:152 Resp: 99763
Ion Ratio Lower Upper
152 100
150 157.2 127.2 190.8
115 59.0 49.0 73.4



#5
2-Fluorophenol
Concen: 151.374 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139630.D
Acq: 03 Oct 2024 14:37

Tgt Ion:112 Resp: 871288
Ion Ratio Lower Upper
112 100
64 69.1 54.2 81.4
63 37.6 29.4 44.2

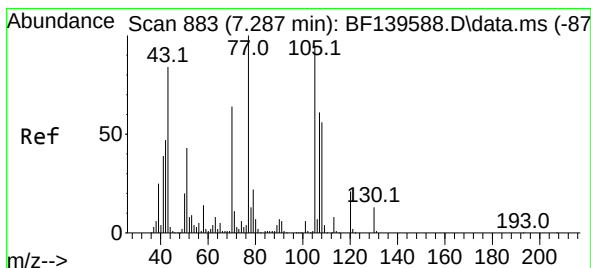
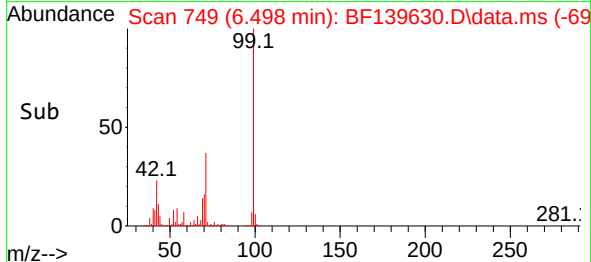
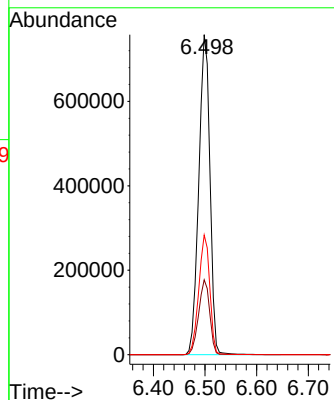
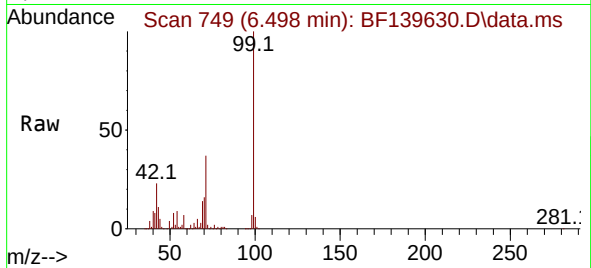




#7
Phenol-d6
Concen: 146.727 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139630.D
Acq: 03 Oct 2024 14:37

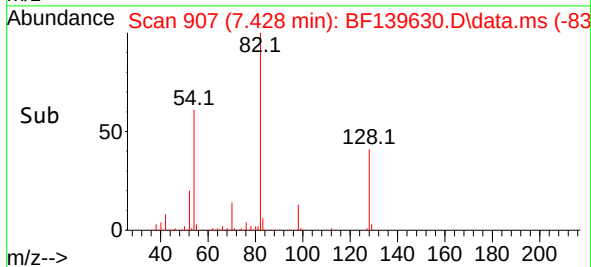
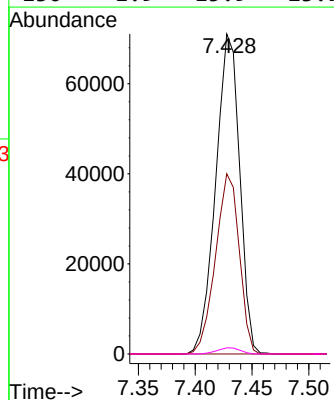
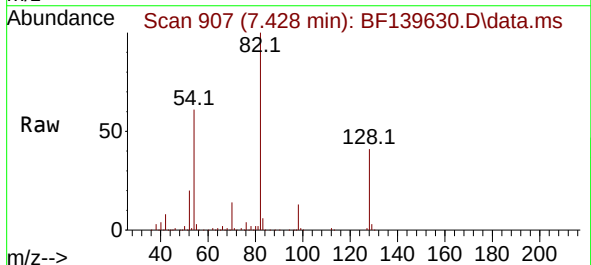
Instrument :
BNA_F
ClientSampleId :
PB163805TB

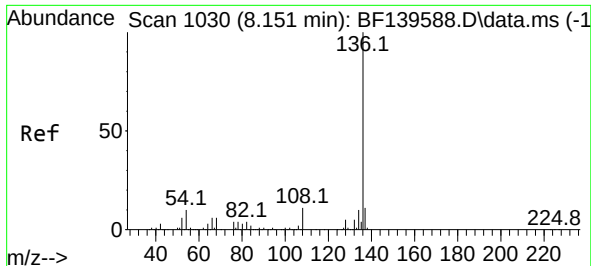
Tgt Ion: 99 Resp: 1135720
Ion Ratio Lower Upper
99 100
42 23.4 19.1 28.7
71 37.4 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.980 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139630.D
Acq: 03 Oct 2024 14:37

Tgt Ion: 70 Resp: 104407
Ion Ratio Lower Upper
70 100
42 56.3 58.0 87.0#
101 0.0 7.8 11.8#
130 1.9 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: BF139630.D
Acq: 03 Oct 2024 14:37

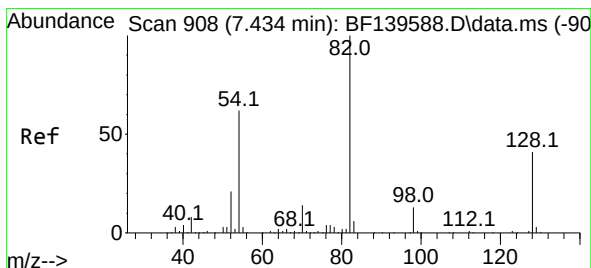
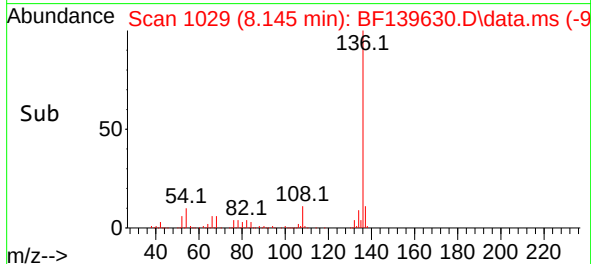
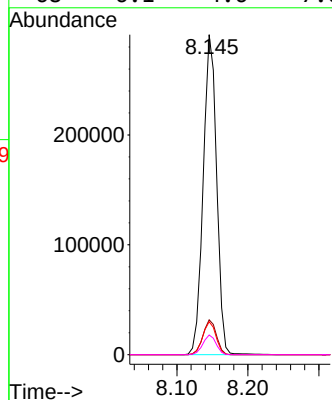
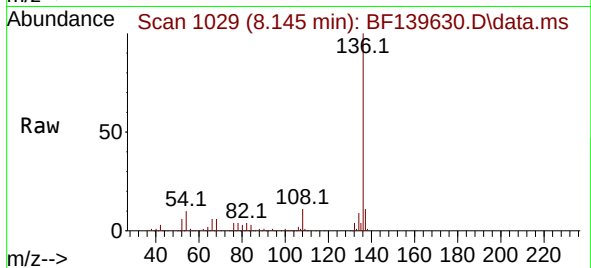
Instrument :

BNA_F

ClientSampleId :

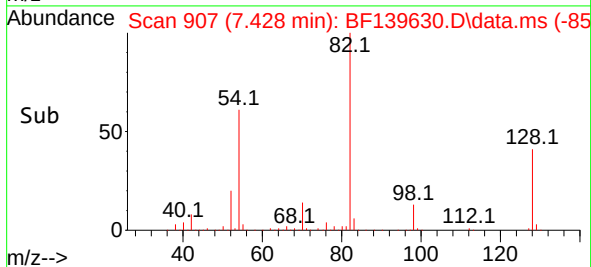
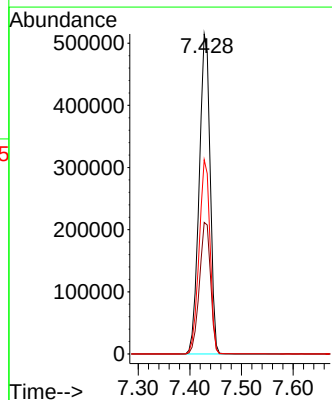
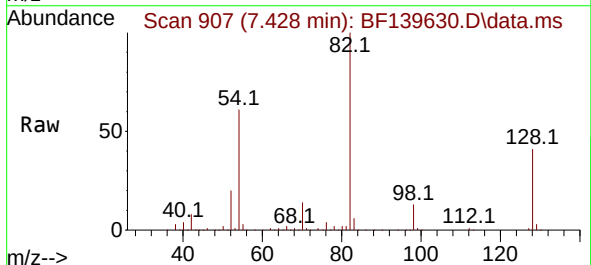
PB163805TB

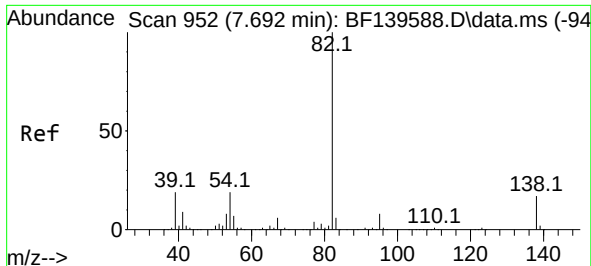
Tgt Ion:136 Resp: 384233
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.3 8.3 12.5
68 6.1 4.6 7.0



#23
Nitrobenzene-d5
Concen: 99.853 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139630.D
Acq: 03 Oct 2024 14:37

Tgt Ion: 82 Resp: 757784
Ion Ratio Lower Upper
82 100
128 41.1 32.4 48.6
54 60.7 49.1 73.7

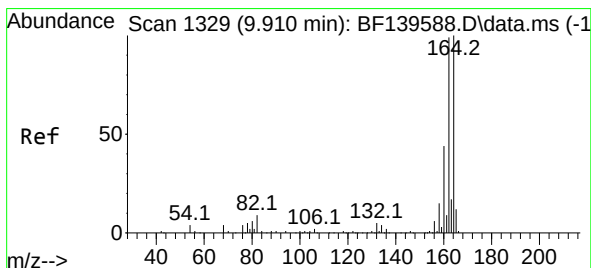
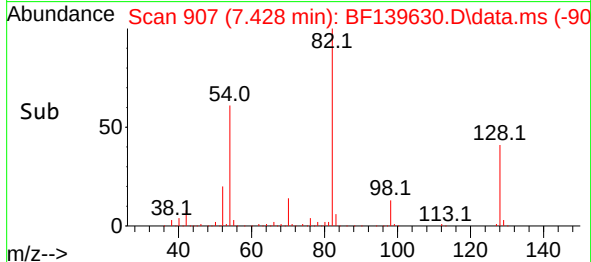
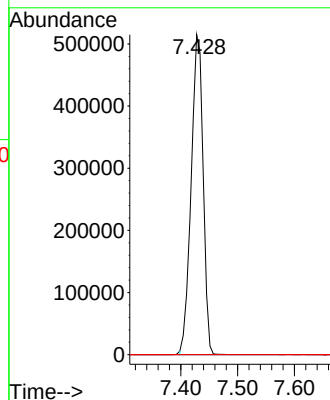
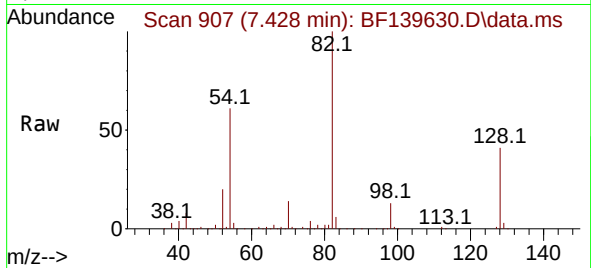




#25
Isophorone
Concen: 56.052 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139630.D
Acq: 03 Oct 2024 14:37

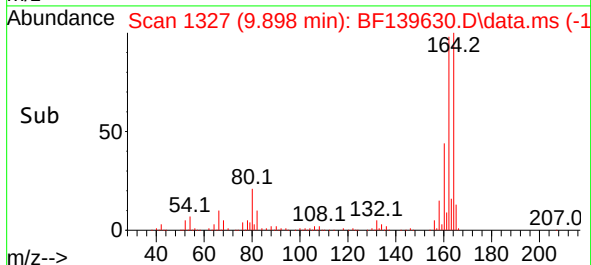
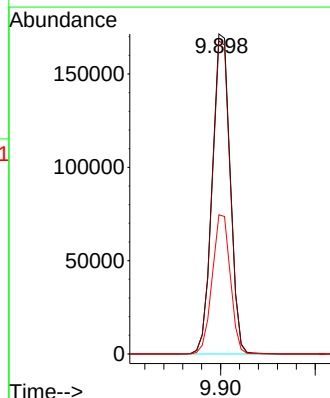
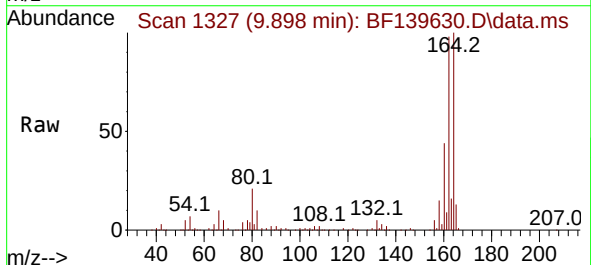
Instrument :
BNA_F
ClientSampleId :
PB163805TB

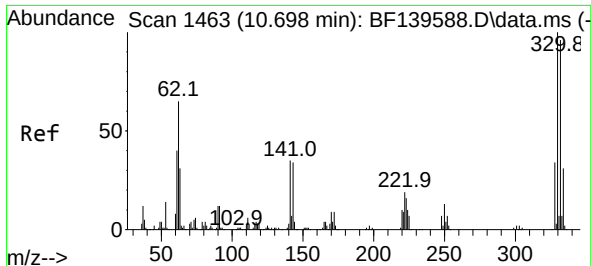
Tgt Ion: 82 Resp: 755524
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139630.D
Acq: 03 Oct 2024 14:37

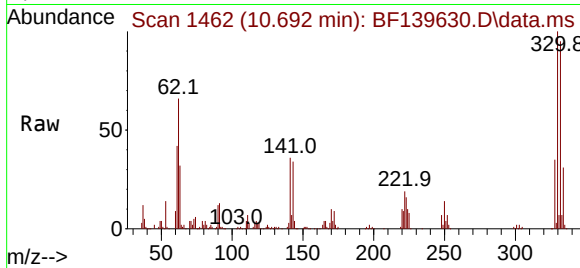
Tgt Ion: 164 Resp: 226338
Ion Ratio Lower Upper
164 100
162 97.8 79.4 119.0
160 43.5 35.1 52.7



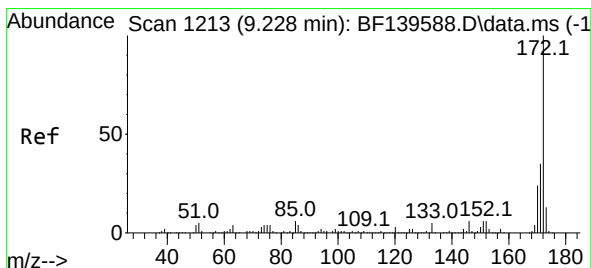
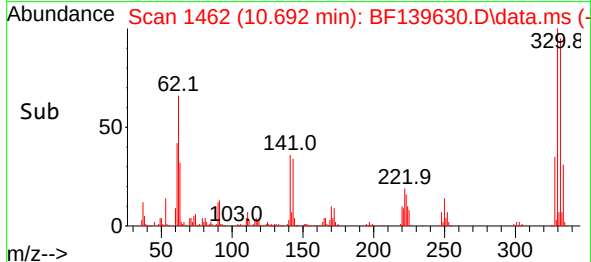
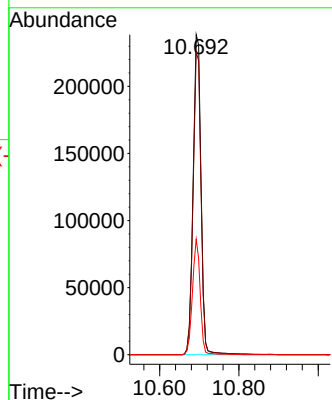


#42
2,4,6-Tribromophenol
Concen: 151.815 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139630.D
Acq: 03 Oct 2024 14:37

Instrument :
BNA_F
ClientSampleId :
PB163805TB

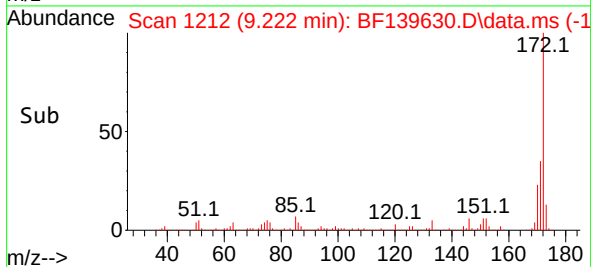
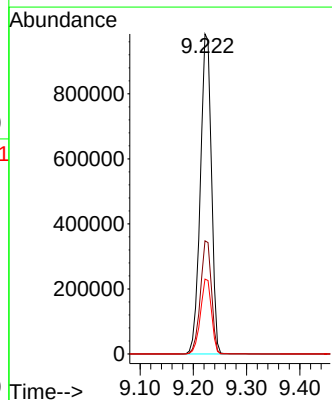
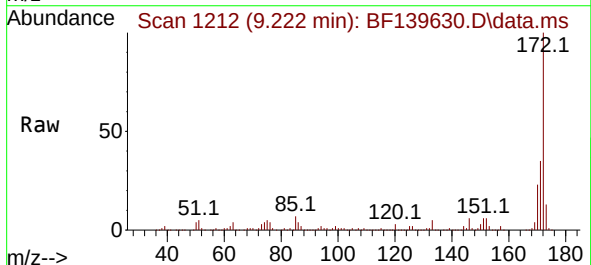


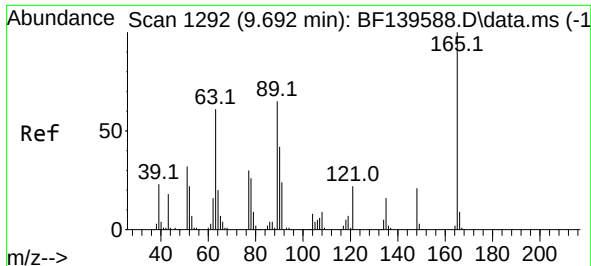
Tgt Ion:330 Resp: 331704
Ion Ratio Lower Upper
330 100
332 95.0 76.5 114.7
141 35.2 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 96.573 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139630.D
Acq: 03 Oct 2024 14:37

Tgt Ion:172 Resp: 1423808
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.4 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.618 ng

RT: 9.898 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF139630.D

Acq: 03 Oct 2024 14:37

Instrument :

BNA_F

ClientSampleId :

PB163805TB

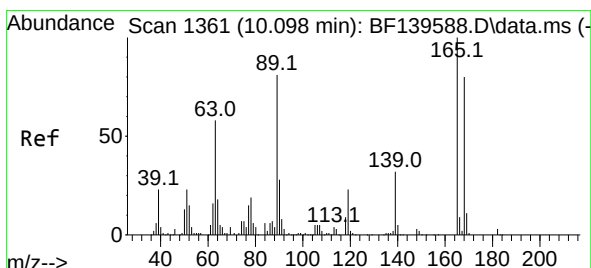
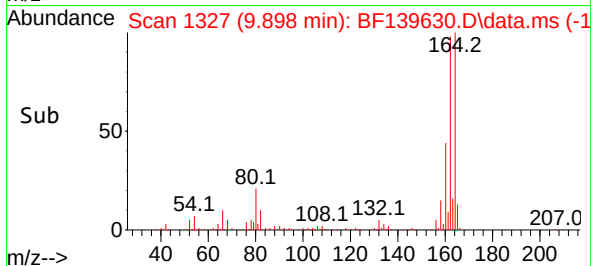
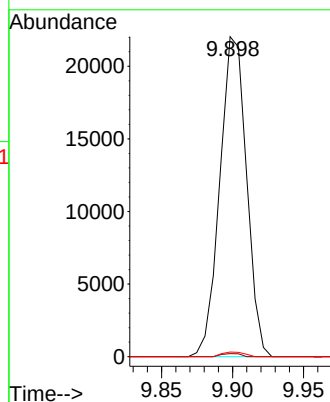
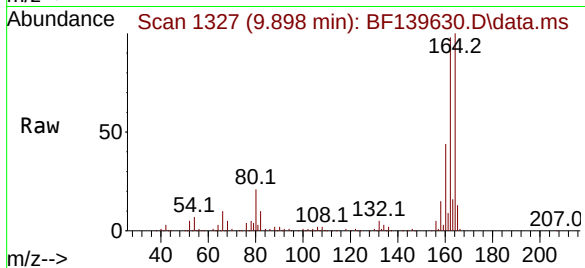
Tgt Ion:165 Resp: 28844

Ion Ratio Lower Upper

165 100

63 1.0 56.7 85.1#

89 1.4 51.6 77.4#



#57

2,4-Dinitrotoluene

Concen: 6.593 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.200 min

Lab File: BF139630.D

Acq: 03 Oct 2024 14:37

Tgt Ion:165 Resp: 28844

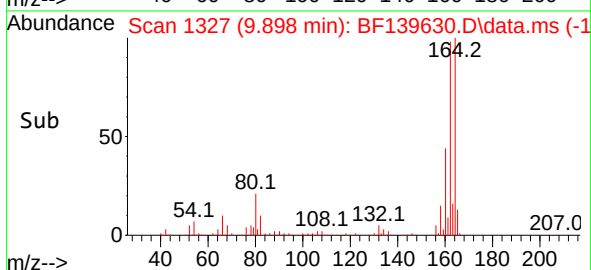
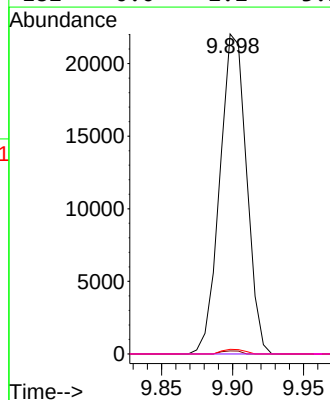
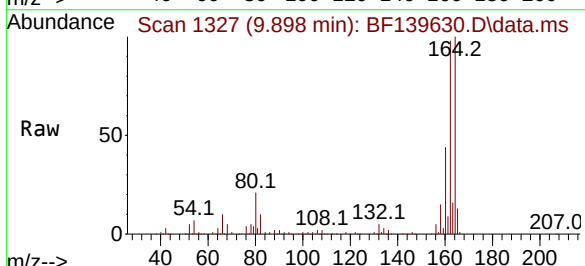
Ion Ratio Lower Upper

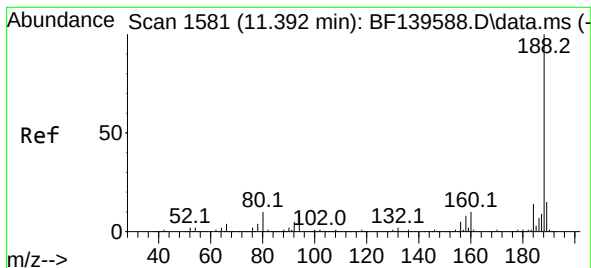
165 100

63 1.0 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# 1

Delta R.T. -0.006 min

Lab File: BF139630.D

Acq: 03 Oct 2024 14:37

Instrument :

BNA_F

ClientSampleId :

PB163805TB

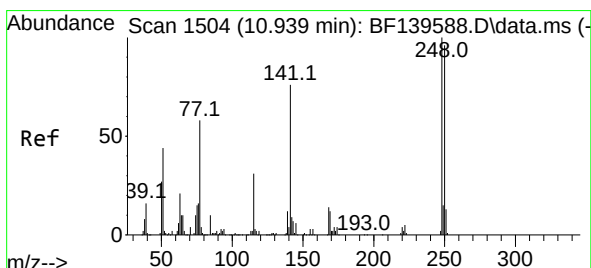
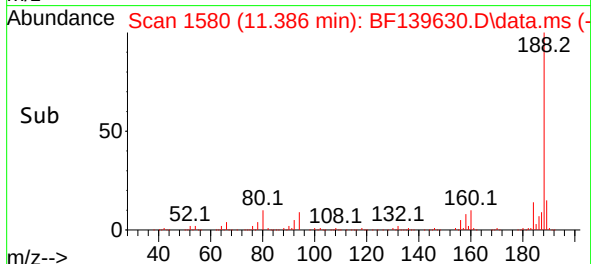
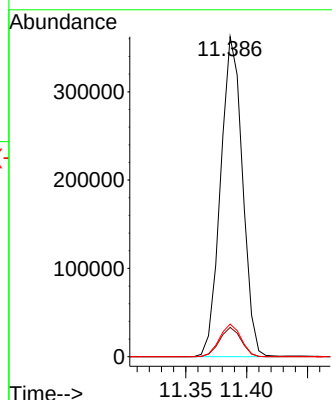
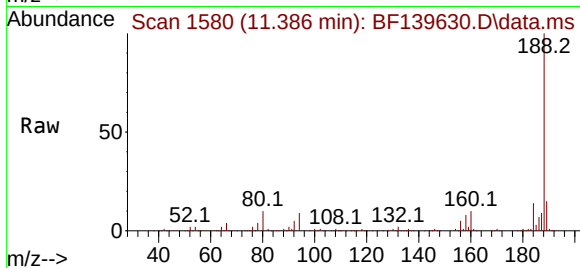
Tgt Ion:188 Resp: 453669

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 10.2 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 4.719 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139630.D

Acq: 03 Oct 2024 14:37

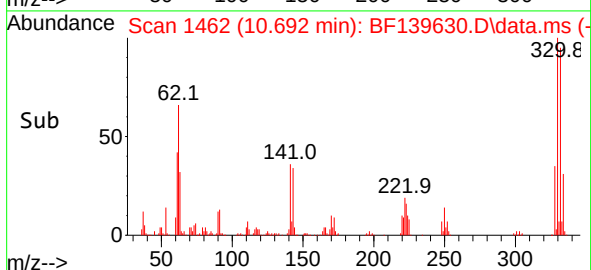
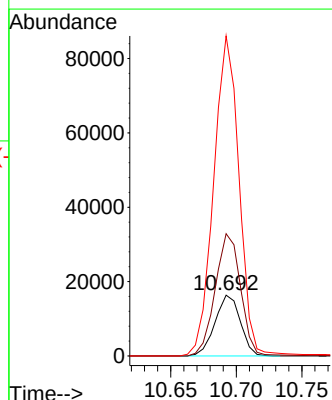
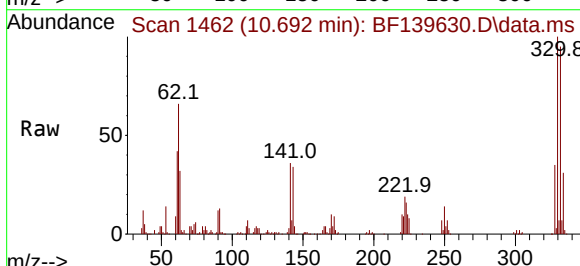
Tgt Ion:248 Resp: 21951

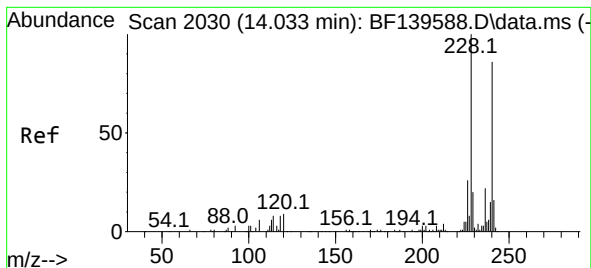
Ion Ratio Lower Upper

248 100

250 200.9 77.1 115.7#

141 525.8 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139630.D

Acq: 03 Oct 2024 14:37

Instrument :

BNA_F

ClientSampleId :

PB163805TB

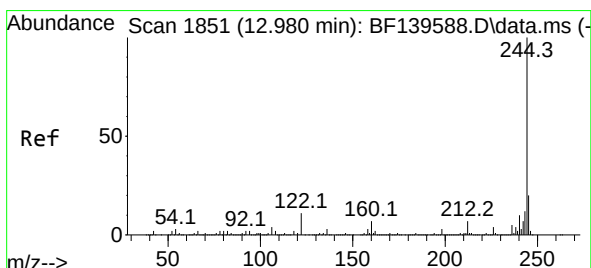
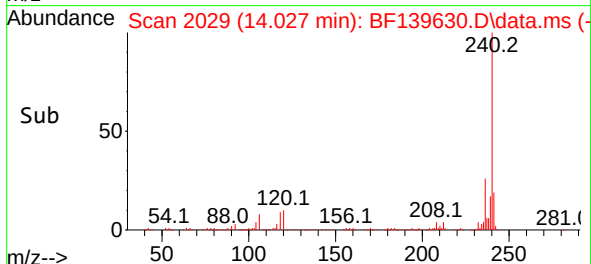
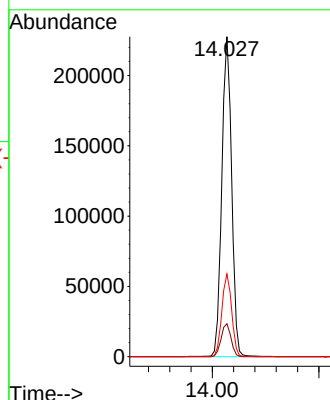
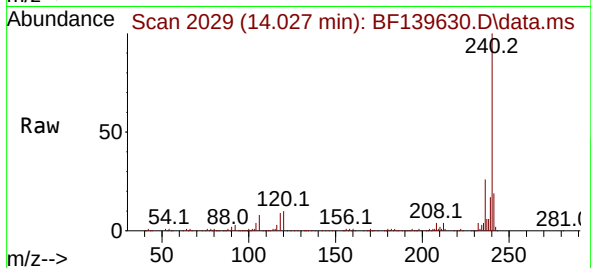
Tgt Ion:240 Resp: 290975

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

236 25.8 20.3 30.5



#79

Terphenyl-d14

Concen: 100.053 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139630.D

Acq: 03 Oct 2024 14:37

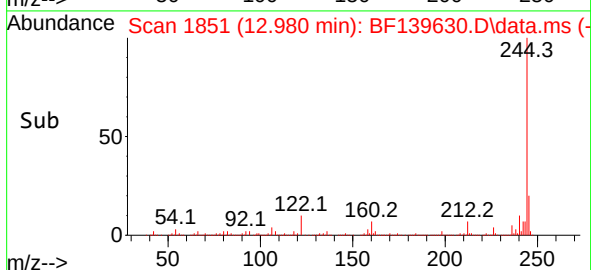
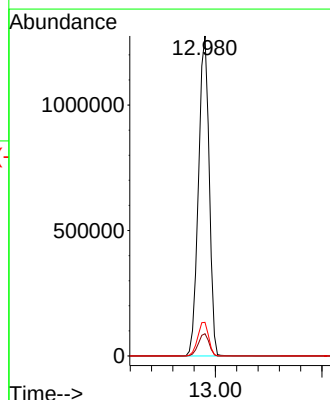
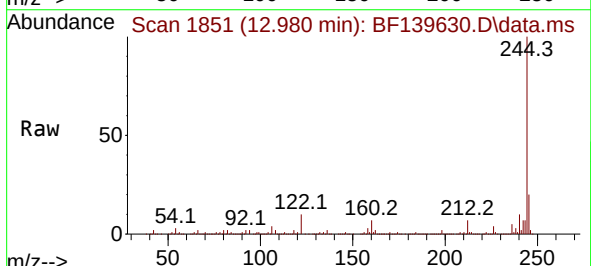
Tgt Ion:244 Resp: 1774277

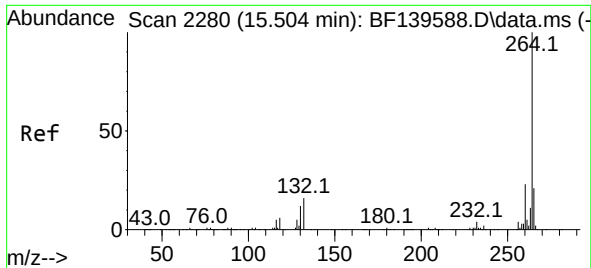
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 10.5 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139630.D
Acq: 03 Oct 2024 14:37

Instrument :
BNA_F
ClientSampleId :
PB163805TB

Tgt Ion:264 Resp: 226497

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.1	16.9	25.3

