

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139681.D
 Acq On : 07 Oct 2024 12:40
 Operator : RC/JU
 Sample : PB163898BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163898BL

Quant Time: Oct 07 13:13:44 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)

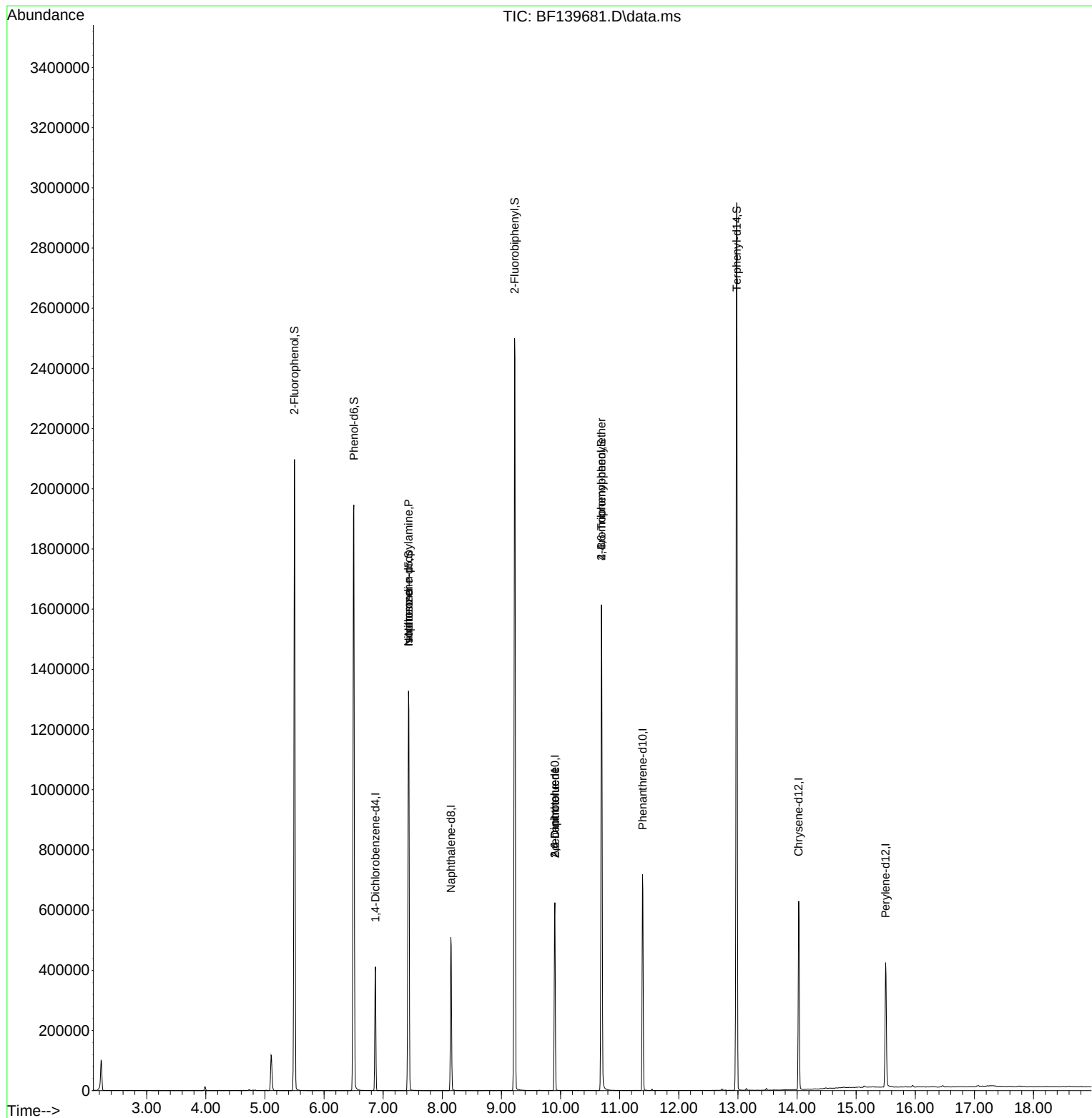
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	83719	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	322477	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	187389	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	382857	20.000	ng	0.00
76) Chrysene-d12	14.027	240	293535	20.000	ng	0.00
86) Perylene-d12	15.498	264	241949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	731398	151.422	ng	0.01
7) Phenol-d6	6.504	99	959363	147.695	ng	0.00
23) Nitrobenzene-d5	7.428	82	623849	97.947	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	262056	144.867	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1151383	94.327	ng	0.00
79) Terphenyl-d14	12.980	244	1544649	86.344	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	84900	20.330	ng	# 77
25) Isophorone	7.428	82	619832	54.792	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	23872	8.615	ng	# 17
57) 2,4-Dinitrotoluene	9.904	165	23872	6.591	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	17592	4.482	ng	# 1

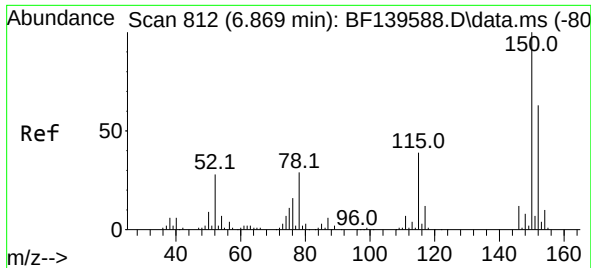
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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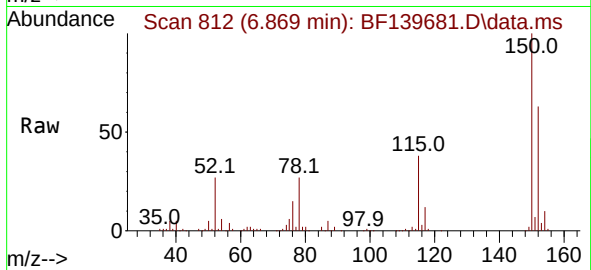
Quant Time: Oct 07 13:13:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration



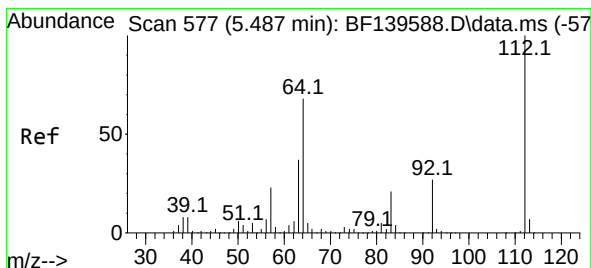
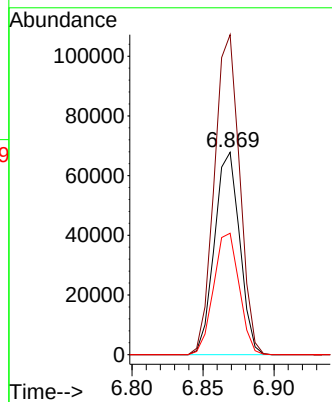
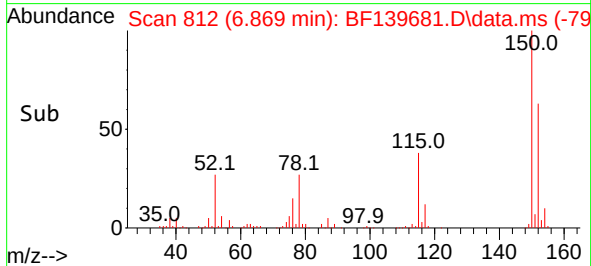


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF139681.D
Acq: 07 Oct 2024 12:40

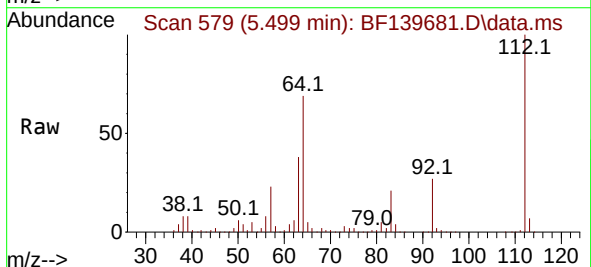
Instrument :
BNA_F
ClientSampleId :
PB163898BL



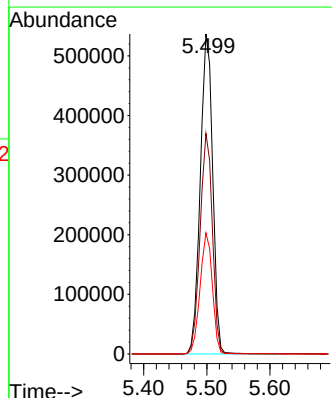
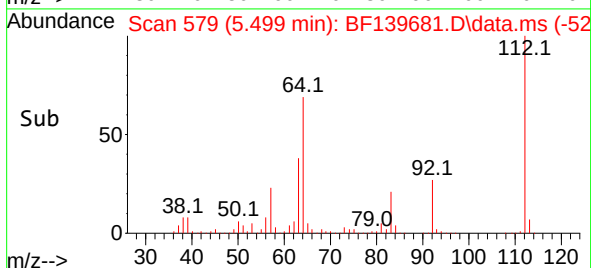
Tgt Ion:152 Resp: 83719
Ion Ratio Lower Upper
152 100
150 158.0 127.2 190.8
115 59.9 49.0 73.4

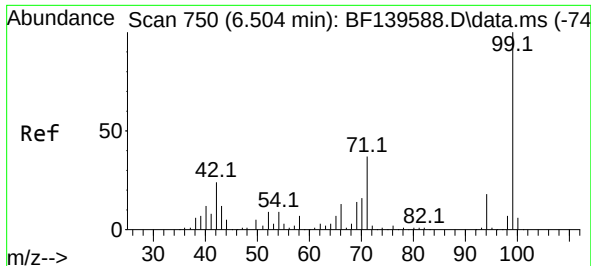


#5
2-Fluorophenol
Concen: 151.422 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF139681.D
Acq: 07 Oct 2024 12:40



Tgt Ion:112 Resp: 731398
Ion Ratio Lower Upper
112 100
64 68.9 54.2 81.4
63 37.8 29.4 44.2

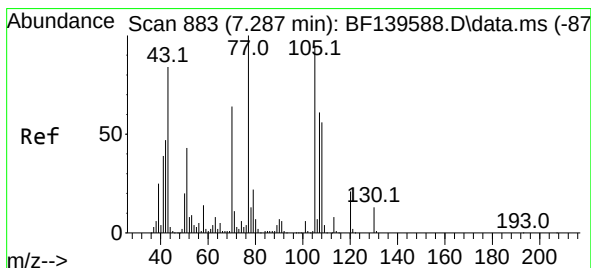
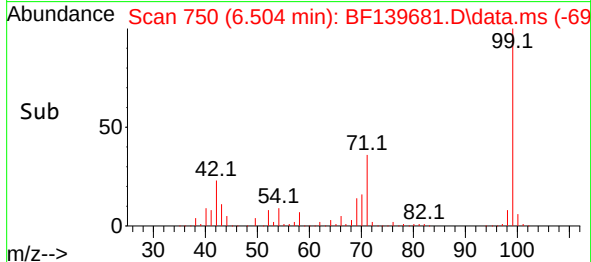
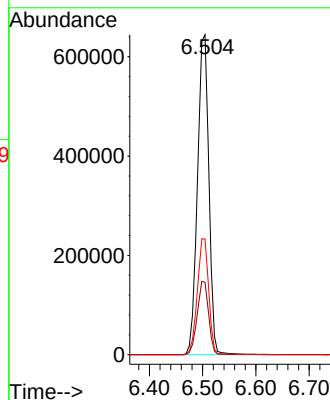
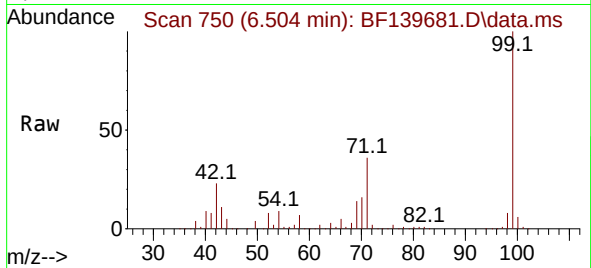




#7
Phenol-d6
Concen: 147.695 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139681.D
Acq: 07 Oct 2024 12:40

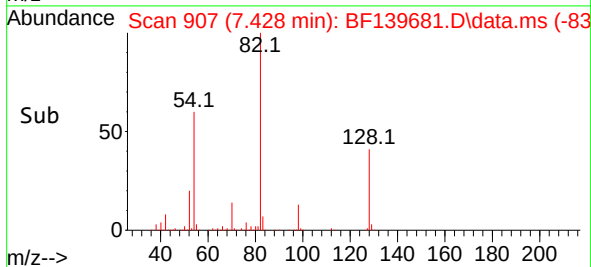
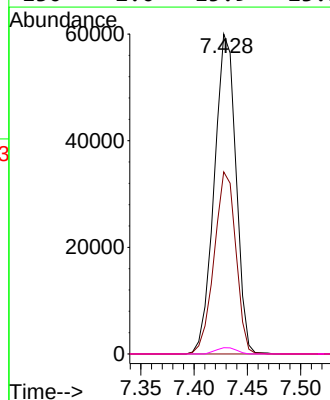
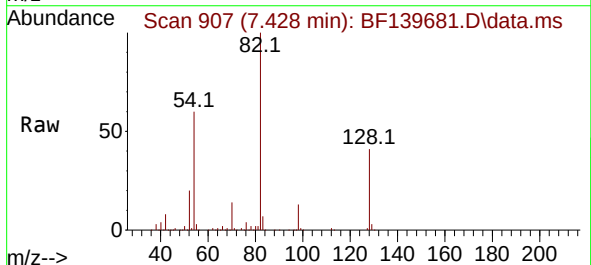
Instrument :
BNA_F
ClientSampleId :
PB163898BL

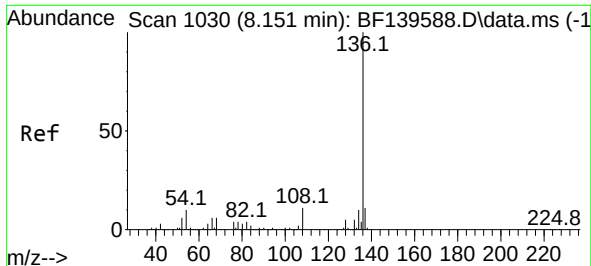
Tgt Ion: 99 Resp: 959363
Ion Ratio Lower Upper
99 100
42 22.6 19.1 28.7
71 36.2 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.330 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139681.D
Acq: 07 Oct 2024 12:40

Tgt Ion: 70 Resp: 84900
Ion Ratio Lower Upper
70 100
42 56.9 58.0 87.0#
101 0.0 7.8 11.8#
130 2.0 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: BF139681.D
Acq: 07 Oct 2024 12:40

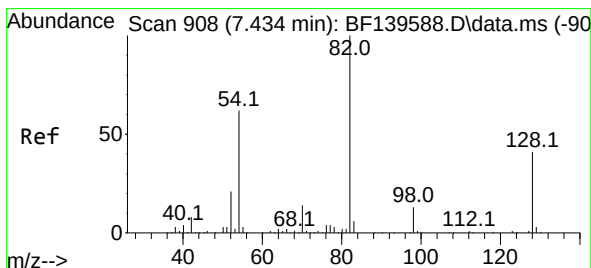
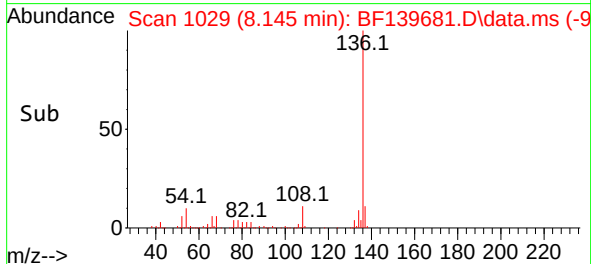
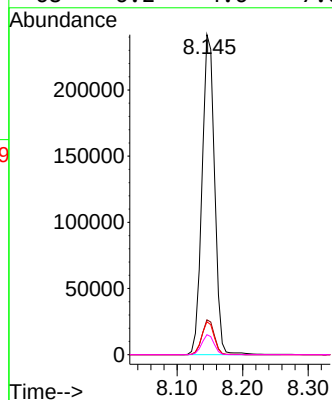
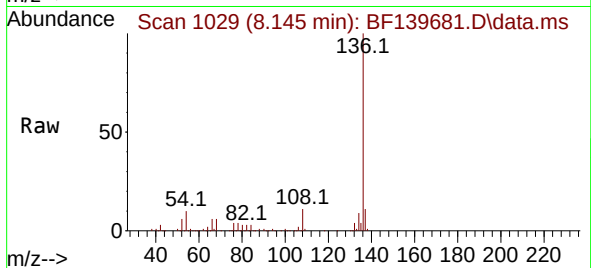
Instrument :

BNA_F

ClientSampleId :

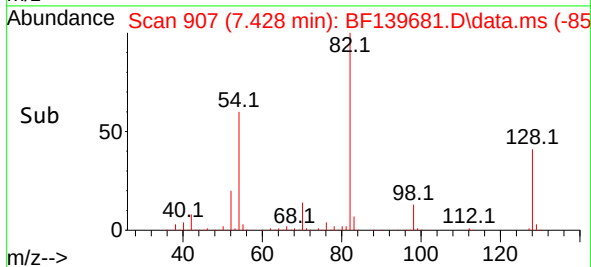
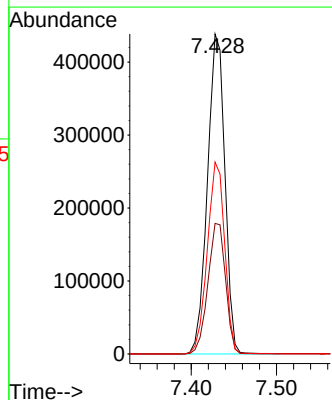
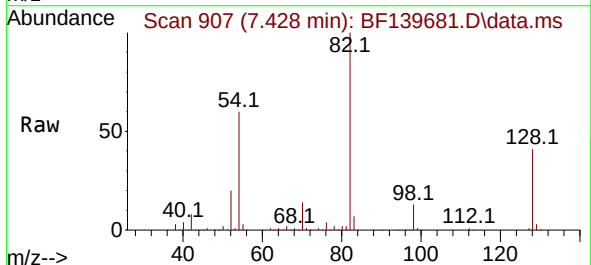
PB163898BL

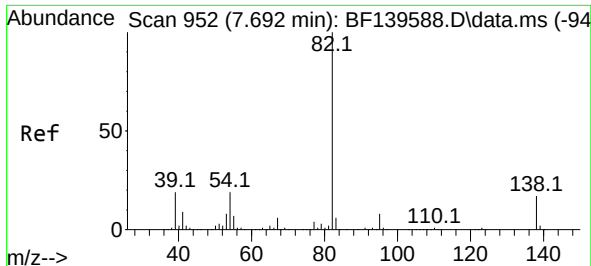
Tgt Ion:136 Resp: 322477
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.3 8.3 12.5
68 6.2 4.6 7.0



#23
Nitrobenzene-d5
Concen: 97.947 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139681.D
Acq: 07 Oct 2024 12:40

Tgt Ion: 82 Resp: 623849
Ion Ratio Lower Upper
82 100
128 40.8 32.4 48.6
54 60.0 49.1 73.7

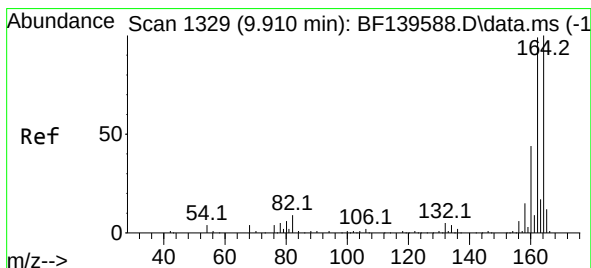
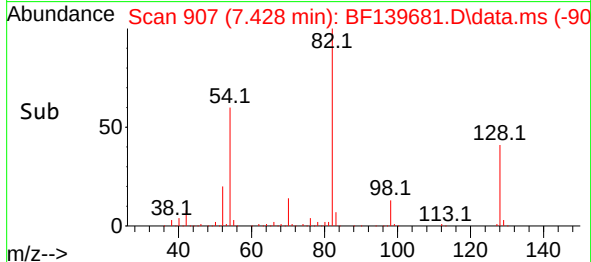
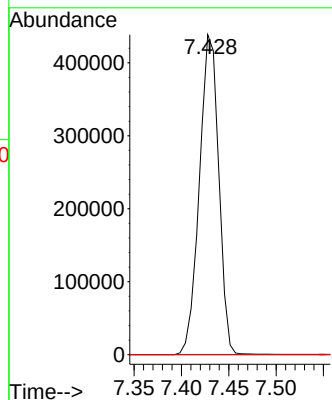
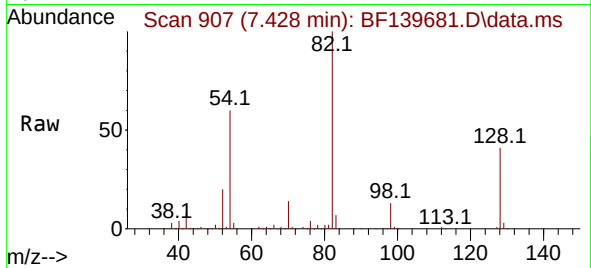




#25
Isophorone
Concen: 54.792 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139681.D
Acq: 07 Oct 2024 12:40

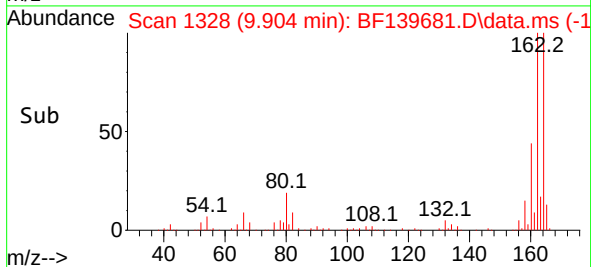
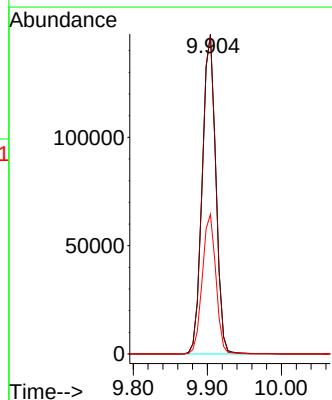
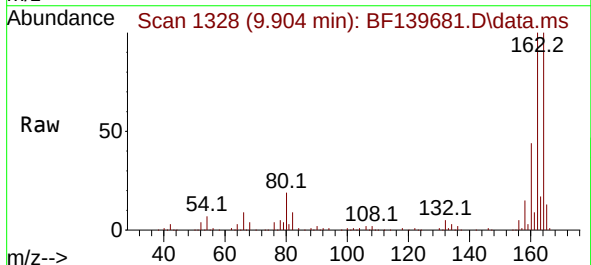
Instrument :
BNA_F
ClientSampleId :
PB163898BL

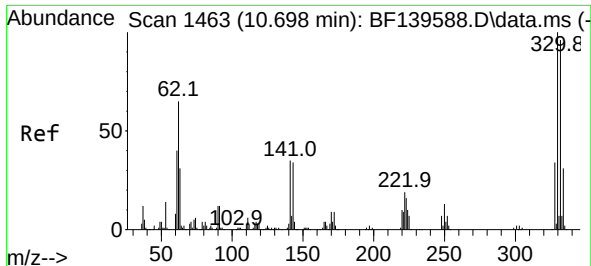
Tgt Ion: 82 Resp: 619832
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139681.D
Acq: 07 Oct 2024 12:40

Tgt Ion:164 Resp: 187389
Ion Ratio Lower Upper
164 100
162 100.3 79.4 119.0
160 43.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 144.867 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139681.D

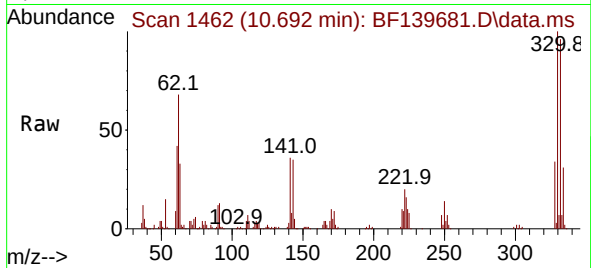
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Instrument :

BNA_F

ClientSampleId :

PB163898BL



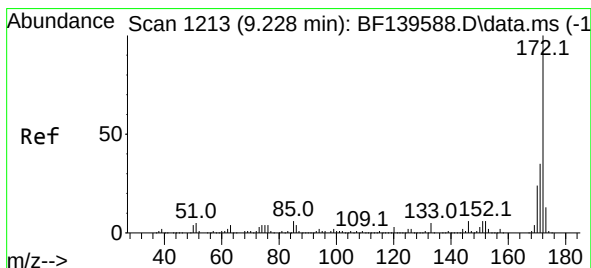
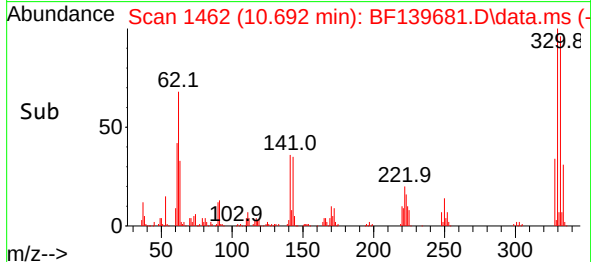
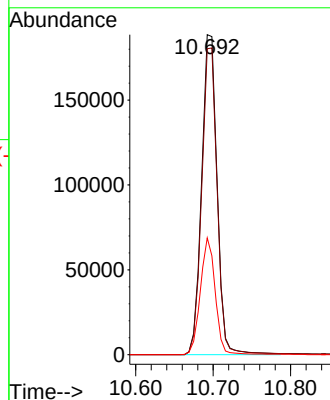
Tgt Ion:330 Resp: 262056

Ion Ratio Lower Upper

330 100

332 96.4 76.5 114.7

141 35.3 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 94.327 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139681.D

Acq: 07 Oct 2024 12:40

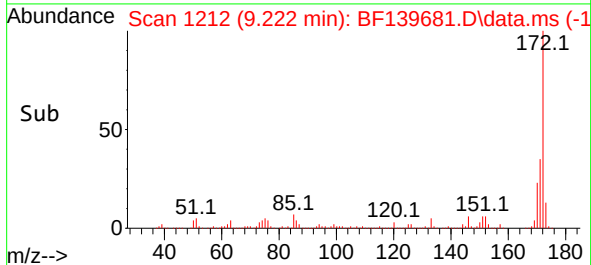
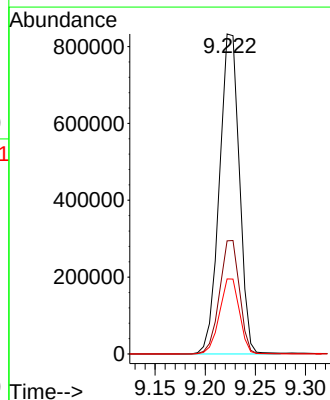
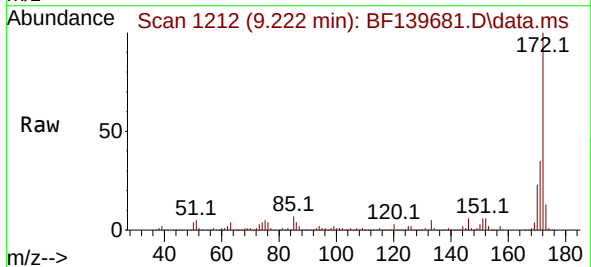
Tgt Ion:172 Resp: 1151383

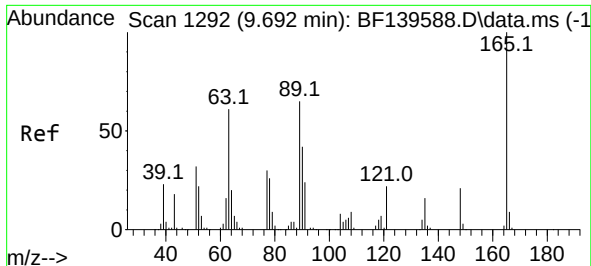
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.5 18.8 28.2

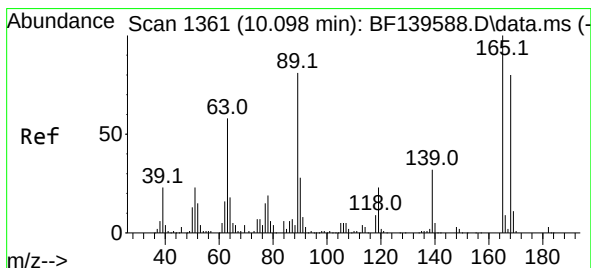
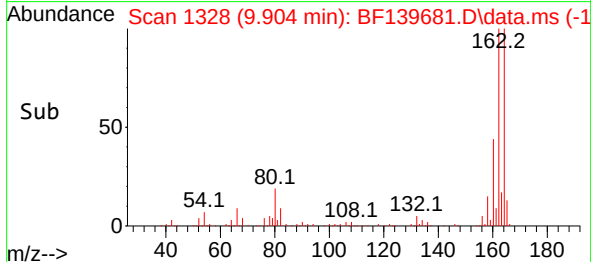
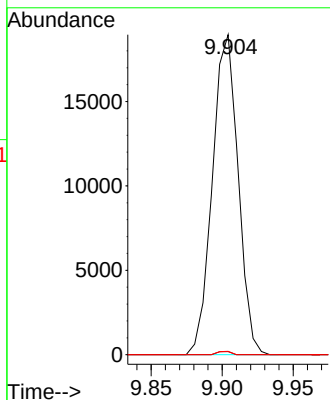
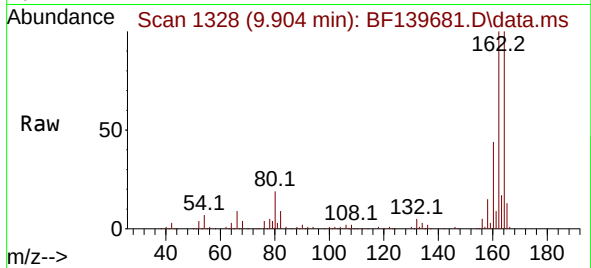




#51
2,6-Dinitrotoluene
Concen: 8.615 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139681.D
Acq: 07 Oct 2024 12:40

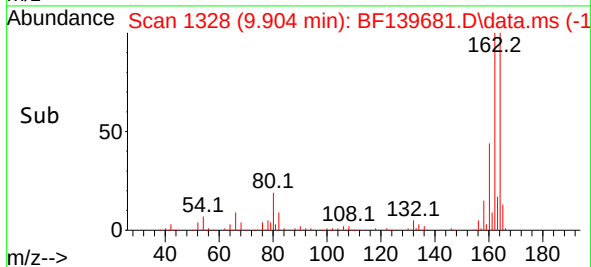
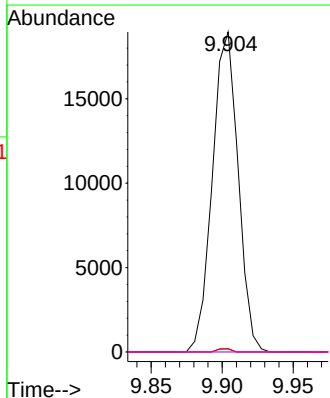
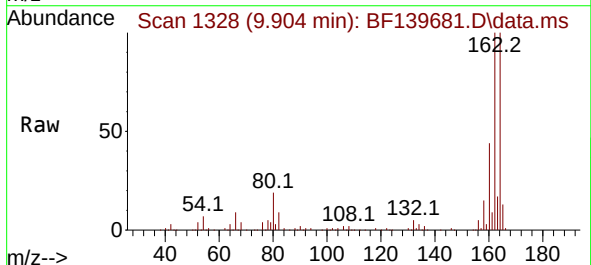
Instrument :
BNA_F
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PB163898BL

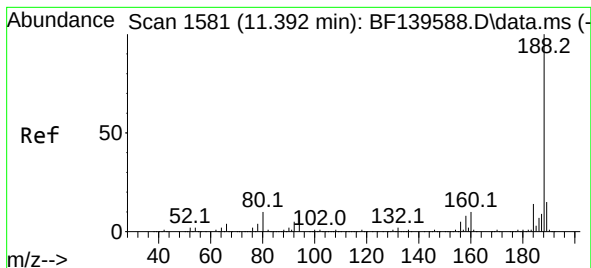
Tgt Ion:165 Resp: 23872
Ion Ratio Lower Upper
165 100
63 0.9 56.7 85.1#
89 1.0 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.591 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF139681.D
Acq: 07 Oct 2024 12:40

Tgt Ion:165 Resp: 23872
Ion Ratio Lower Upper
165 100
63 0.9 46.9 70.3#
89 1.0 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: BF139681.D

Acq: 07 Oct 2024 12:40

Instrument :

BNA_F

ClientSampleId :

PB163898BL

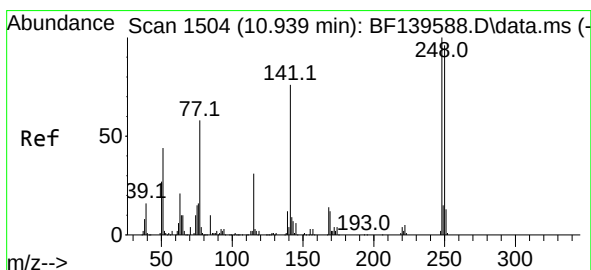
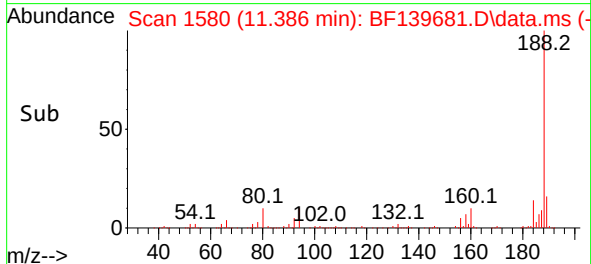
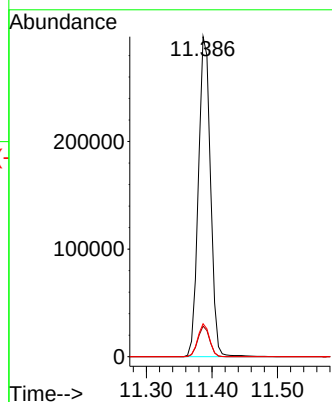
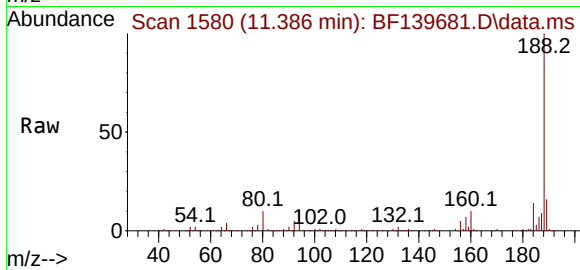
Tgt Ion:188 Resp: 382857

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.2

80 10.3 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 4.482 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139681.D

Acq: 07 Oct 2024 12:40

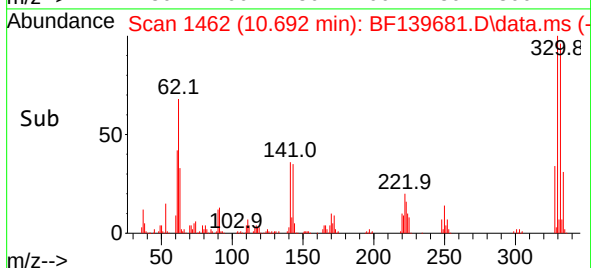
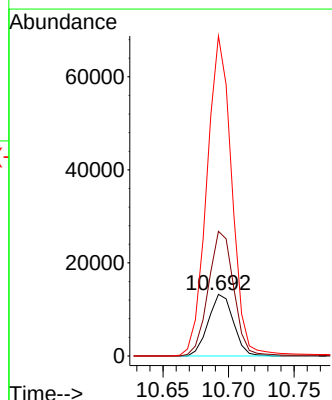
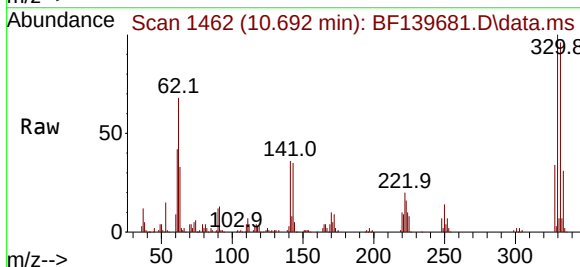
Tgt Ion:248 Resp: 17592

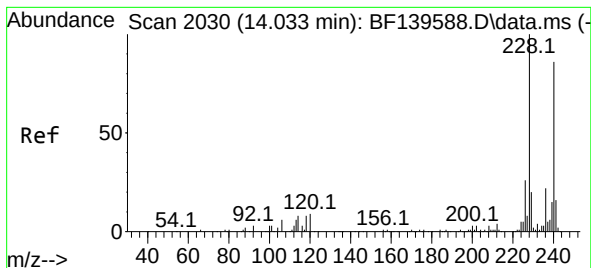
Ion Ratio Lower Upper

248 100

250 202.3 77.1 115.7#

141 519.5 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: BF139681.D

Acq: 07 Oct 2024 12:40

Instrument :

BNA_F

ClientSampleId :

PB163898BL

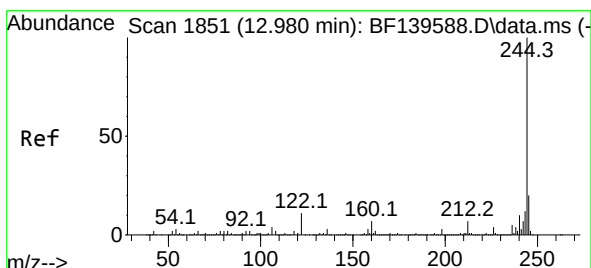
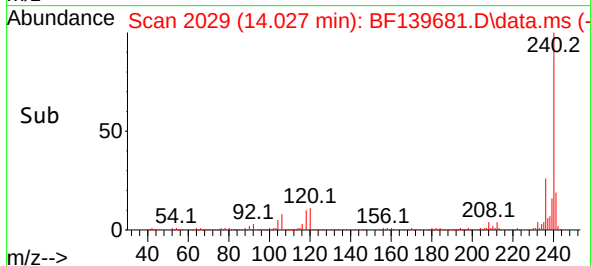
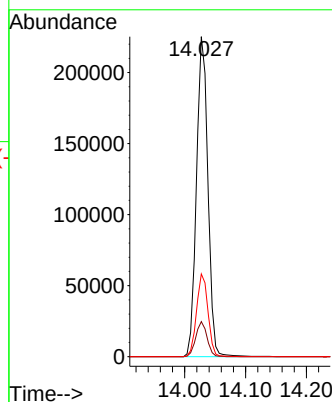
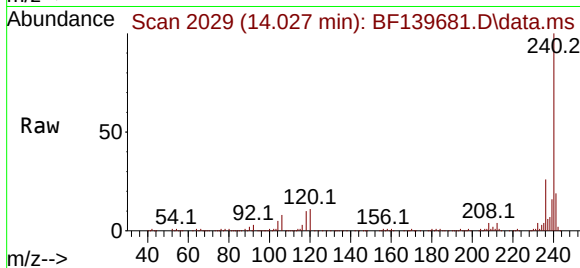
Tgt Ion:240 Resp: 293535

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

236 25.9 20.3 30.5



#79

Terphenyl-d14

Concen: 86.344 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139681.D

Acq: 07 Oct 2024 12:40

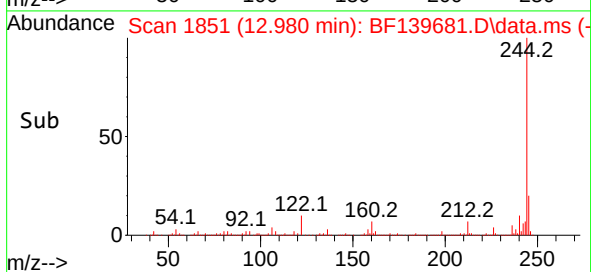
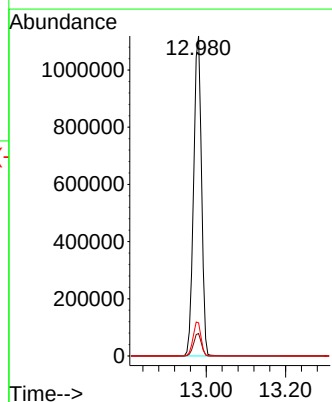
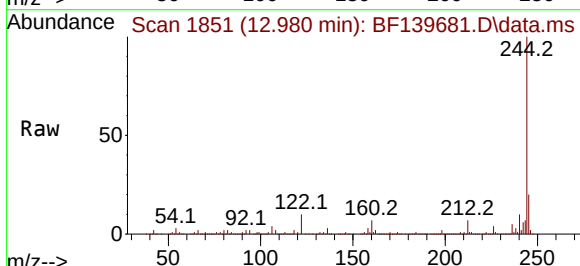
Tgt Ion:244 Resp: 1544649

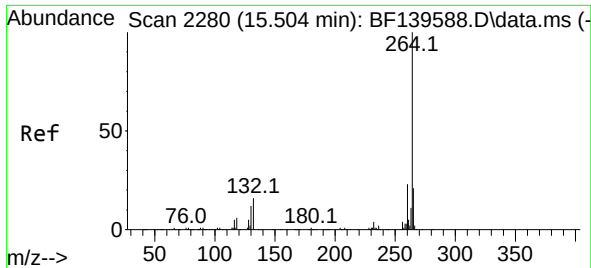
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

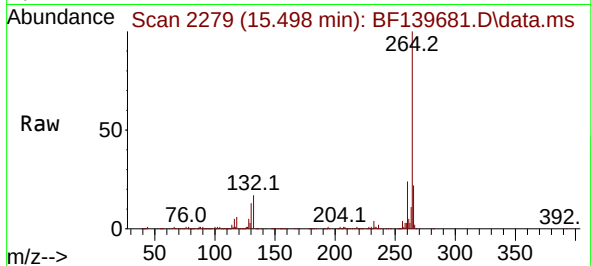
122 10.3 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139681.D
Acq: 07 Oct 2024 12:40

Instrument :
BNA_F
ClientSampleId :
PB163898BL



Tgt Ion:264 Resp: 241949

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.5	16.9	25.3

