

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139683.D
 Acq On : 07 Oct 2024 13:38
 Operator : RC/JU
 Sample : PB163870BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163870BL

Quant Time: Oct 07 14:21:12 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)

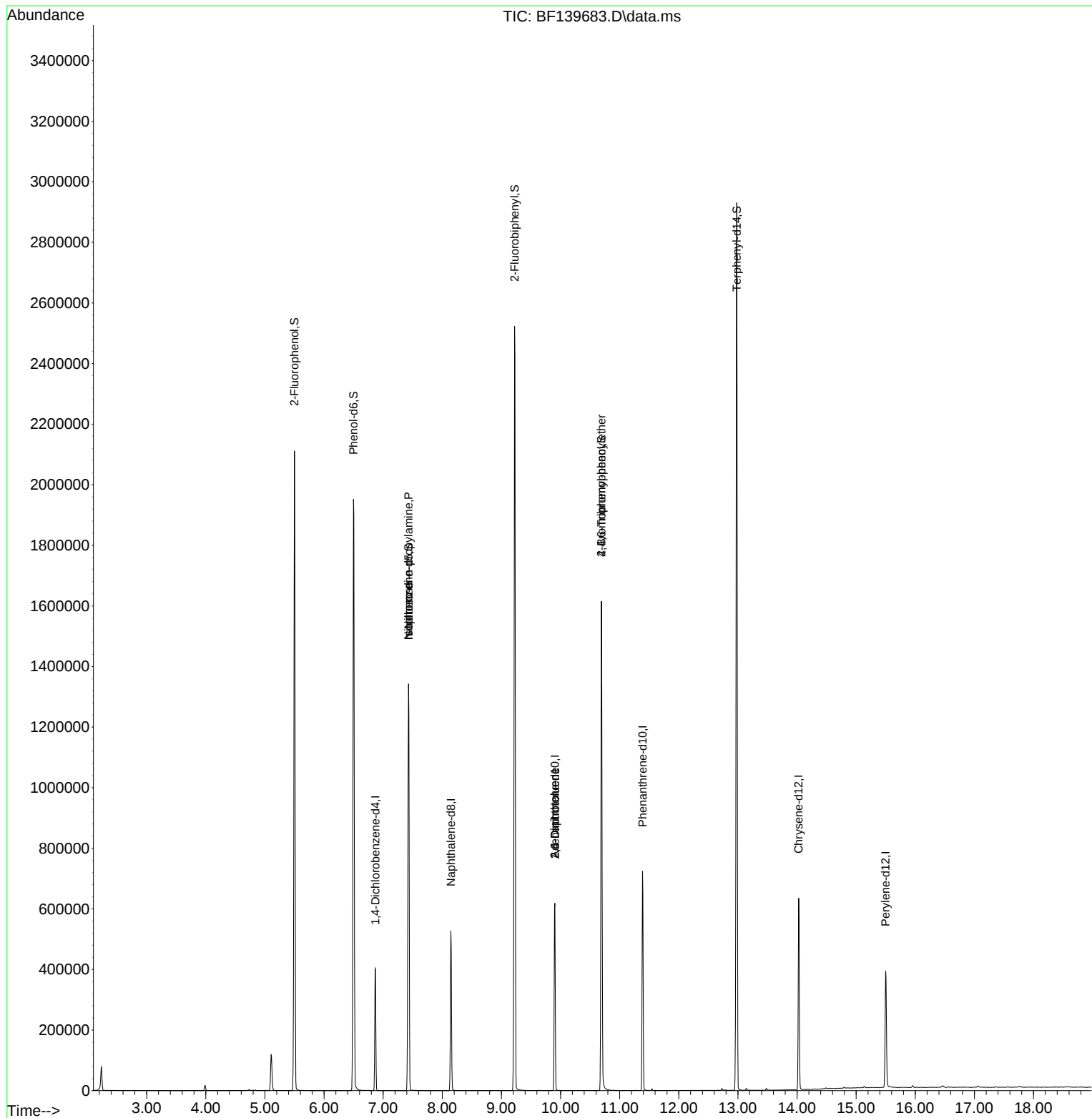
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	84441	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	325397	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	188571	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	384480	20.000	ng	0.00
76) Chrysene-d12	14.027	240	291863	20.000	ng	0.00
86) Perylene-d12	15.498	264	231220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	731857	150.222	ng	0.01
7) Phenol-d6	6.498	99	958465	146.295	ng	0.00
23) Nitrobenzene-d5	7.428	82	624093	97.106	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	261751	143.792	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1166944	95.003	ng	0.00
79) Terphenyl-d14	12.980	244	1506752	84.708	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	85872	20.387	ng	Qvalue # 75
25) Isophorone	7.428	82	620287	54.340	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	23778	8.527	ng	# 18
57) 2,4-Dinitrotoluene	9.904	165	23778	6.524	ng	# 18
67) 4-Bromophenyl-phenylether	10.692	248	17555	4.453	ng	# 1

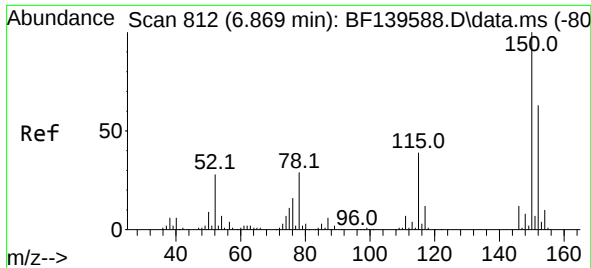
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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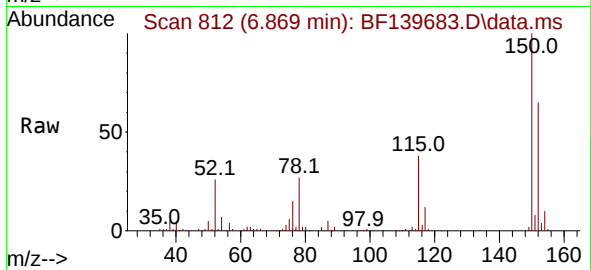
Quant Time: Oct 07 14:21:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration



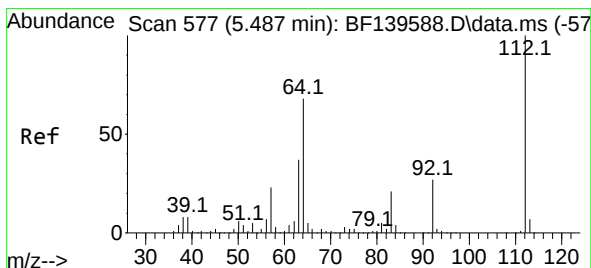
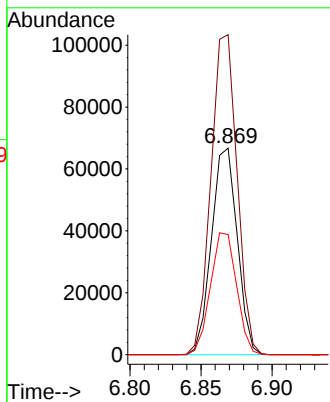
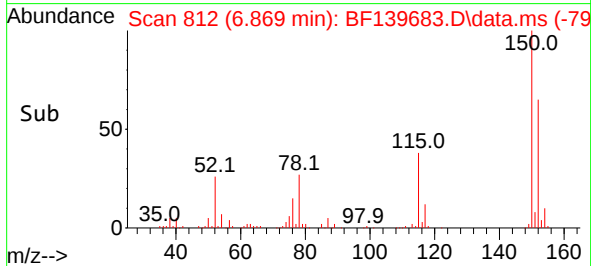


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF139683.D
Acq: 07 Oct 2024 13:38

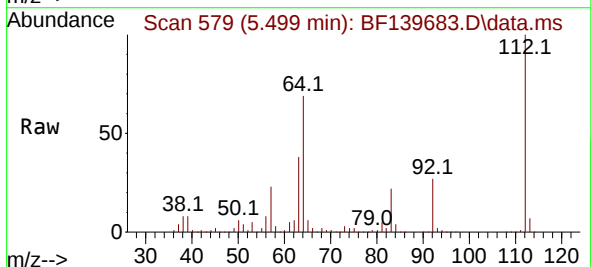
Instrument :
BNA_F
ClientSampleId :
PB163870BL



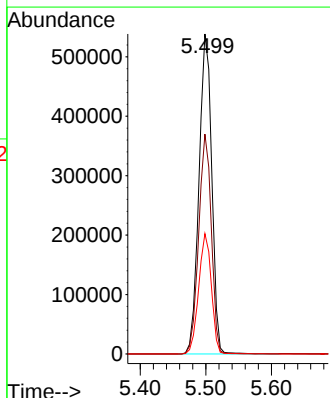
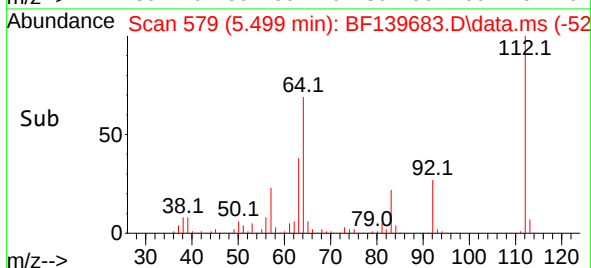
Tgt Ion:152 Resp: 84441
Ion Ratio Lower Upper
152 100
150 155.0 127.2 190.8
115 58.2 49.0 73.4

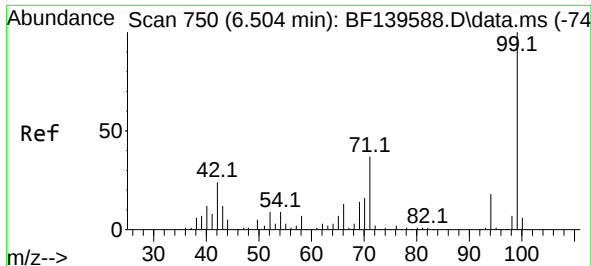


#5
2-Fluorophenol
Concen: 150.222 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF139683.D
Acq: 07 Oct 2024 13:38



Tgt Ion:112 Resp: 731857
Ion Ratio Lower Upper
112 100
64 68.7 54.2 81.4
63 37.6 29.4 44.2

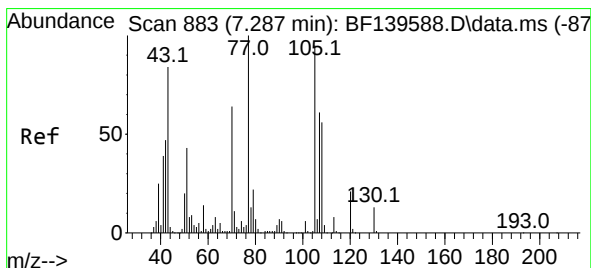
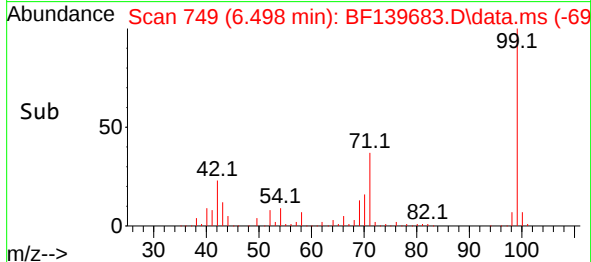
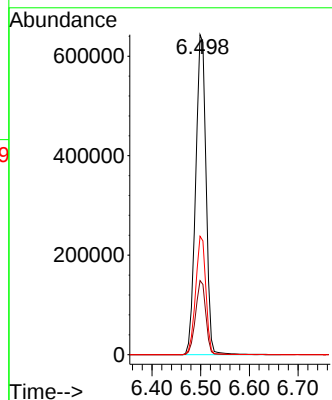
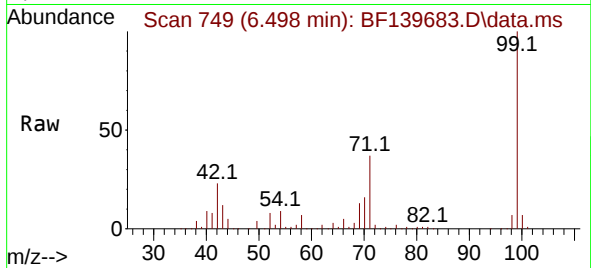




#7
Phenol-d6
Concen: 146.295 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139683.D
Acq: 07 Oct 2024 13:38

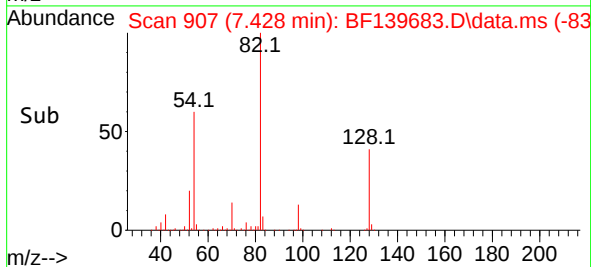
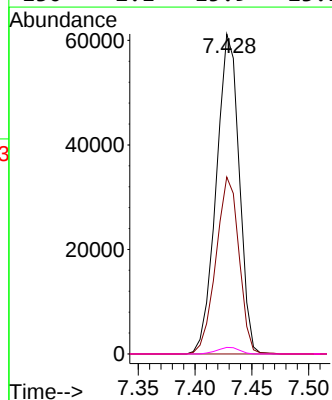
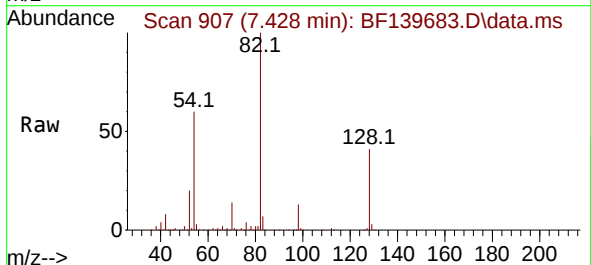
Instrument :
BNA_F
ClientSampleId :
PB163870BL

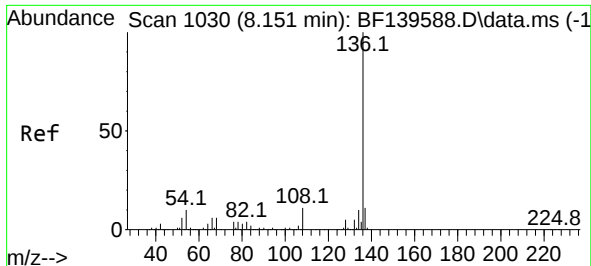
Tgt Ion: 99 Resp: 958465
Ion Ratio Lower Upper
99 100
42 23.2 19.1 28.7
71 37.0 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.387 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139683.D
Acq: 07 Oct 2024 13:38

Tgt Ion: 70 Resp: 85872
Ion Ratio Lower Upper
70 100
42 55.3 58.0 87.0#
101 0.0 7.8 11.8#
130 2.1 15.9 23.9#

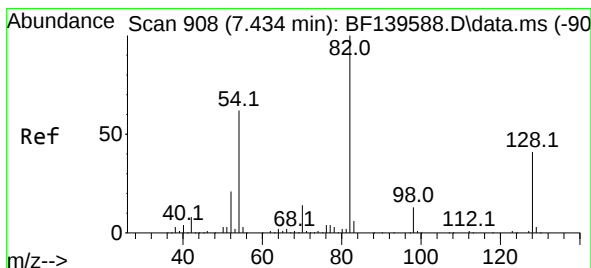
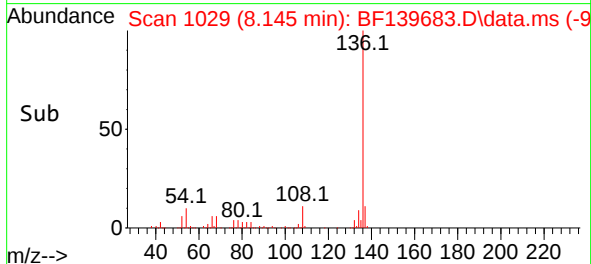
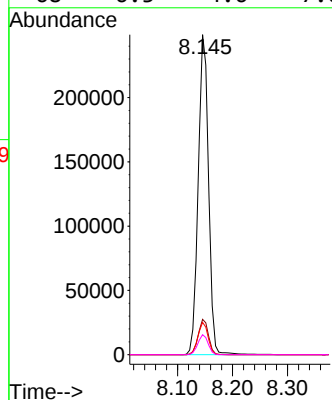
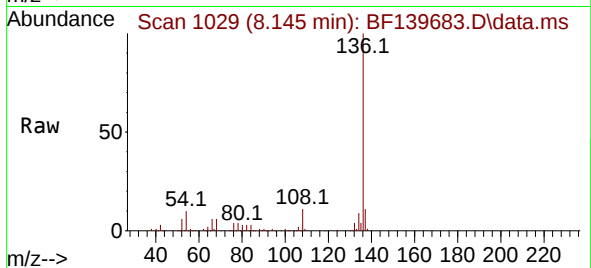




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139683.D
Acq: 07 Oct 2024 13:38

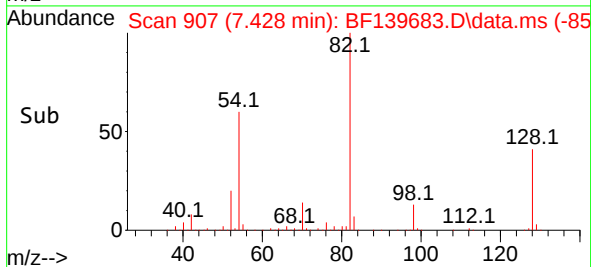
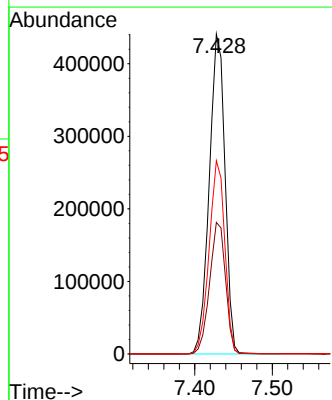
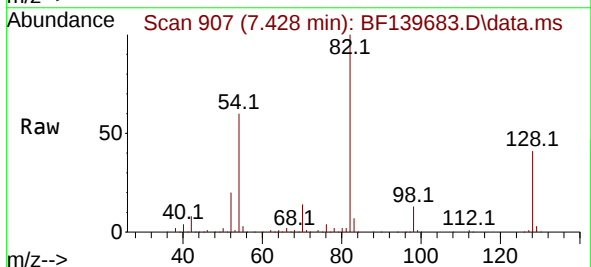
Instrument :
BNA_F
ClientSampleId :
PB163870BL

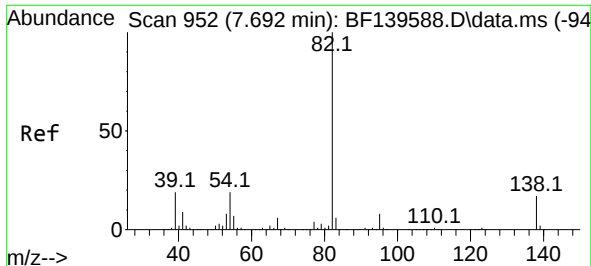
Tgt Ion:	136	Resp:	325397
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.1	8.3	12.5
68	6.3	4.6	7.0



#23
Nitrobenzene-d5
Concen: 97.106 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139683.D
Acq: 07 Oct 2024 13:38

Tgt Ion:	82	Resp:	624093
Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.4	48.6
54	60.4	49.1	73.7

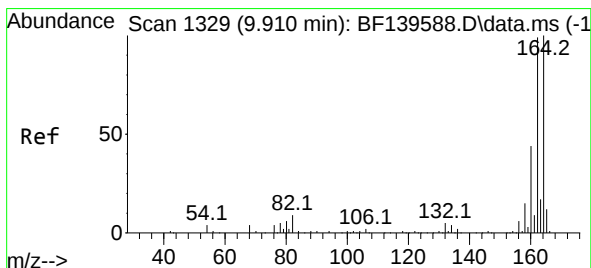
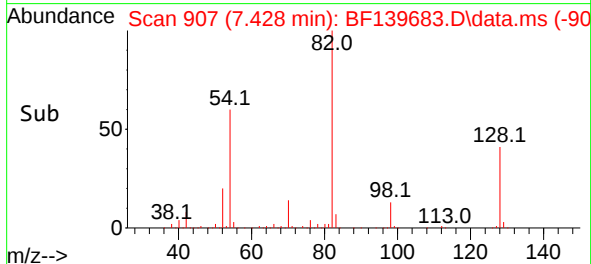
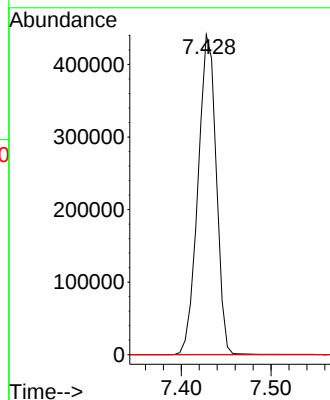
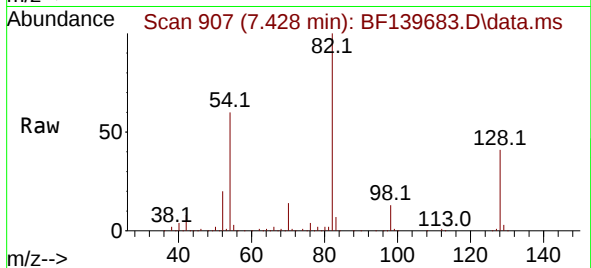




#25
Isophorone
Concen: 54.340 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139683.D
Acq: 07 Oct 2024 13:38

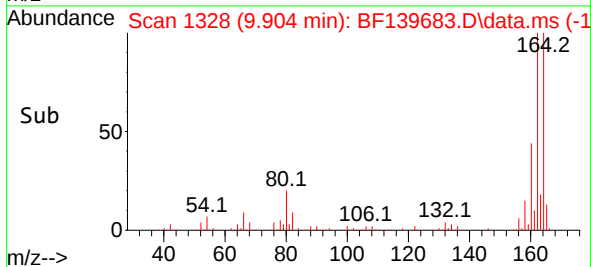
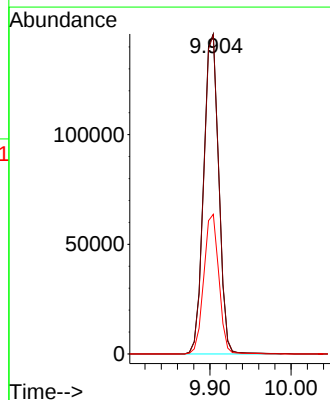
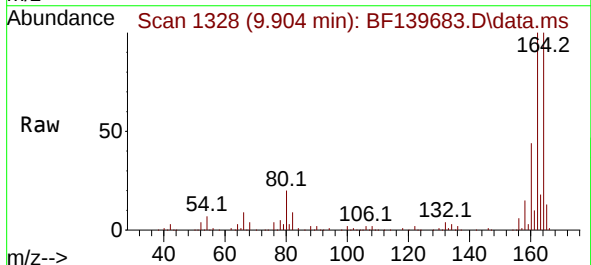
Instrument :
BNA_F
ClientSampleId :
PB163870BL

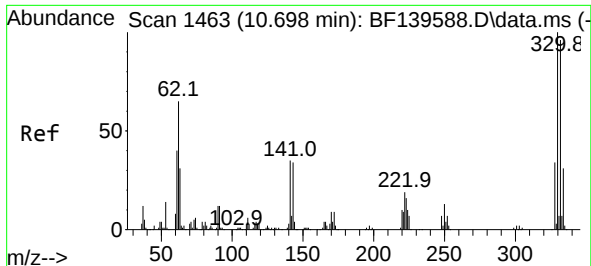
Tgt Ion: 82 Resp: 620287
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139683.D
Acq: 07 Oct 2024 13:38

Tgt Ion:164 Resp: 188571
Ion Ratio Lower Upper
164 100
162 99.8 79.4 119.0
160 43.7 35.1 52.7

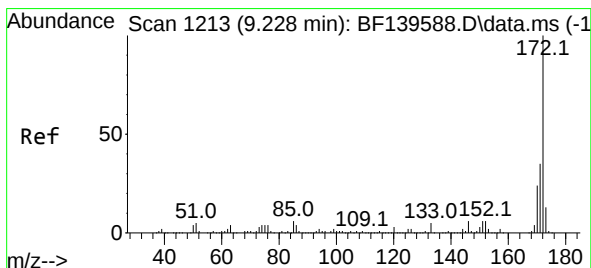
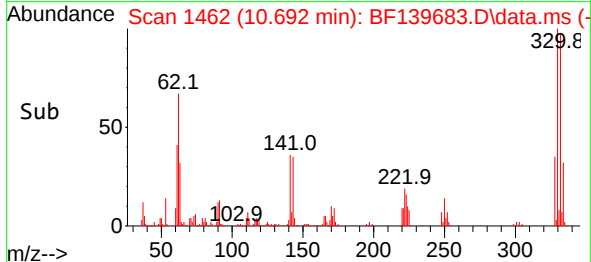
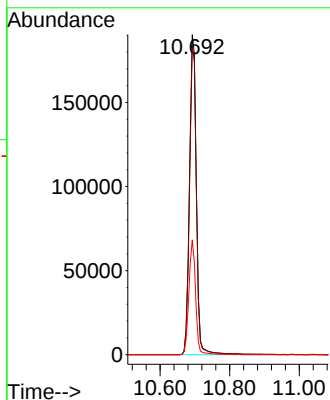
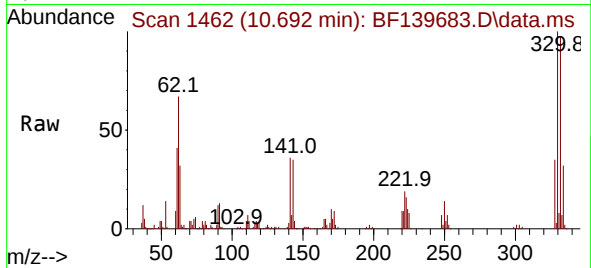




#42
2,4,6-Tribromophenol
Concen: 143.792 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139683.D
Acq: 07 Oct 2024 13:38

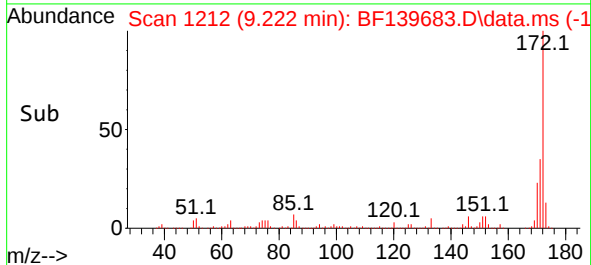
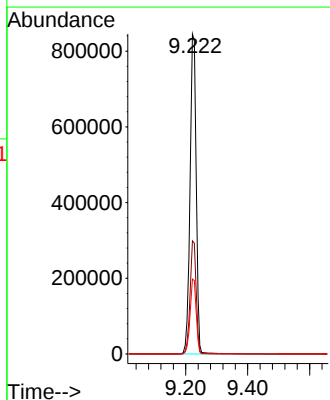
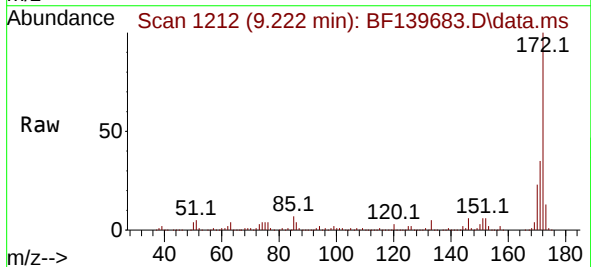
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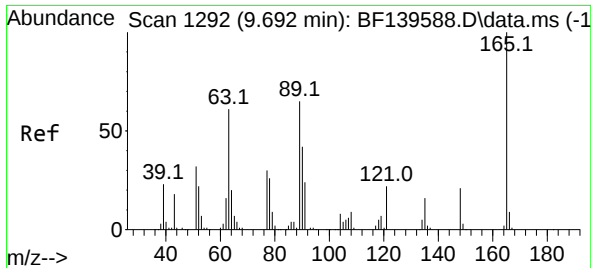
Tgt Ion:330 Resp: 261751
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 35.0 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 95.003 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139683.D
Acq: 07 Oct 2024 13:38

Tgt Ion:172 Resp: 1166944
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.4 18.8 28.2

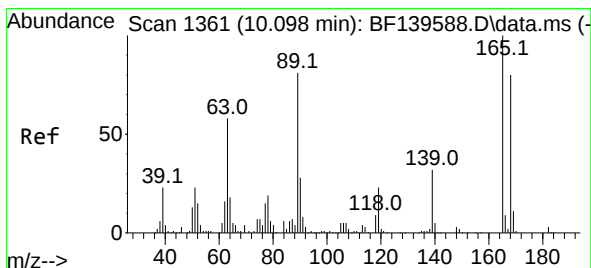
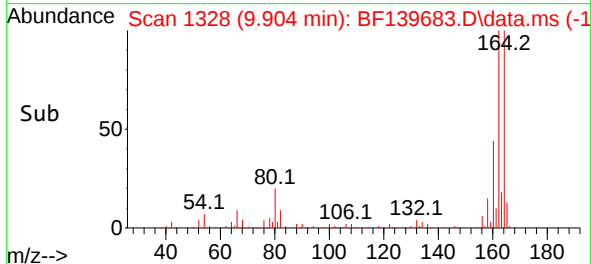
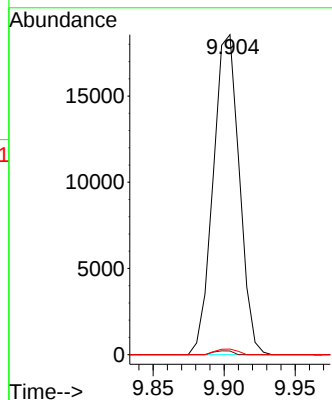
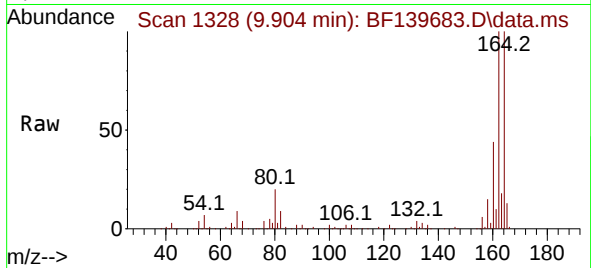




#51
2,6-Dinitrotoluene
Concen: 8.527 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139683.D
Acq: 07 Oct 2024 13:38

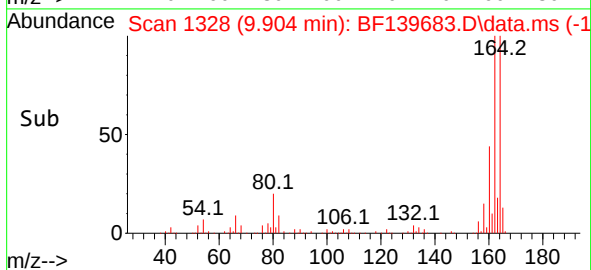
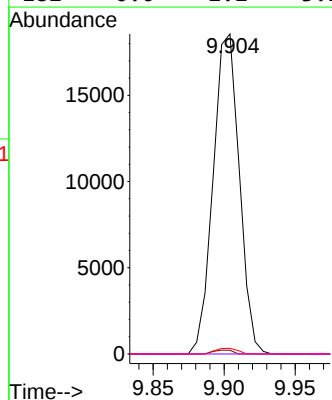
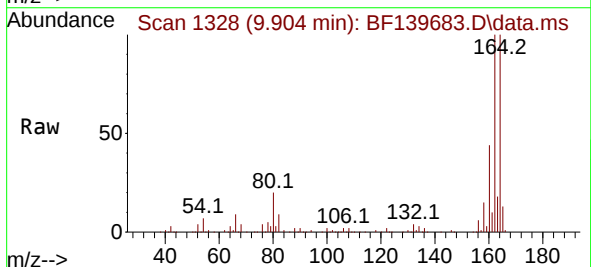
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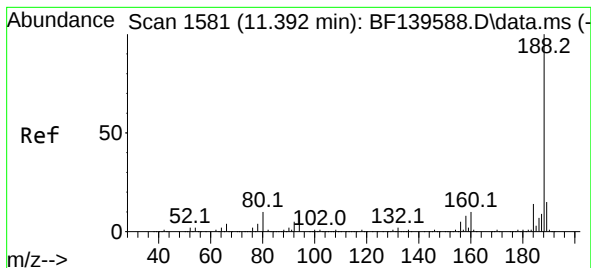
Tgt Ion:165 Resp: 23778
Ion Ratio Lower Upper
165 100
63 1.2 56.7 85.1#
89 1.7 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.524 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF139683.D
Acq: 07 Oct 2024 13:38

Tgt Ion:165 Resp: 23778
Ion Ratio Lower Upper
165 100
63 1.2 46.9 70.3#
89 1.7 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: BF139683.D

Acq: 07 Oct 2024 13:38

Instrument :

BNA_F

ClientSampleId :

PB163870BL

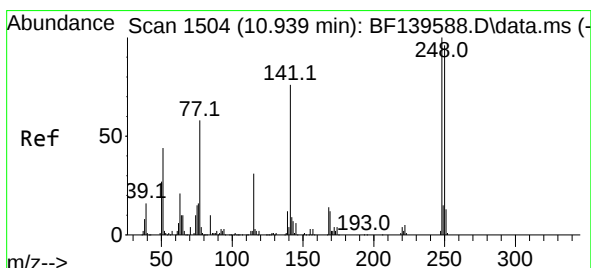
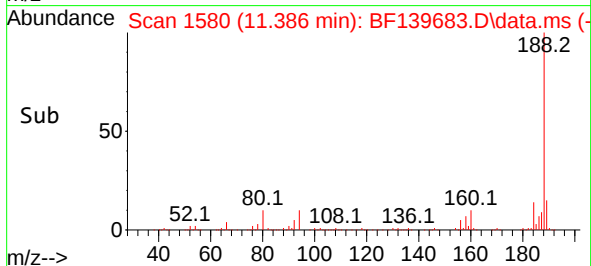
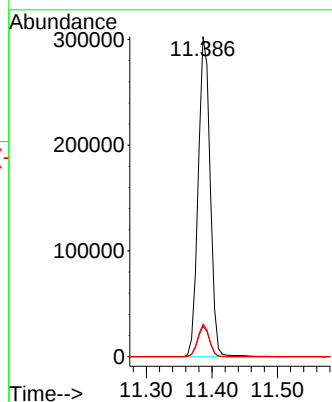
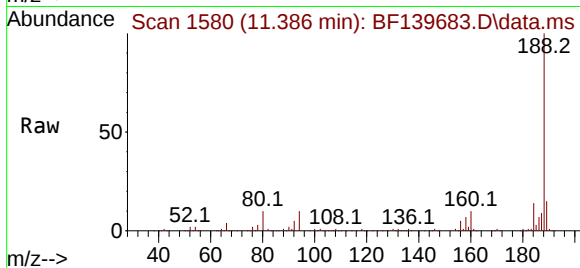
Tgt Ion:188 Resp: 384480

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 10.1 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 4.453 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139683.D

Acq: 07 Oct 2024 13:38

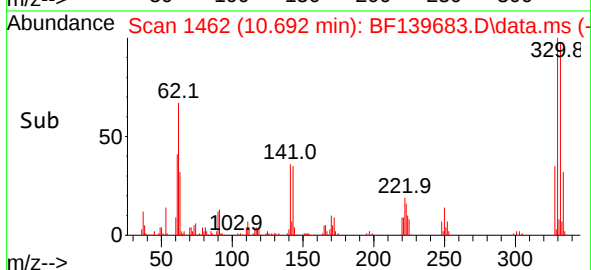
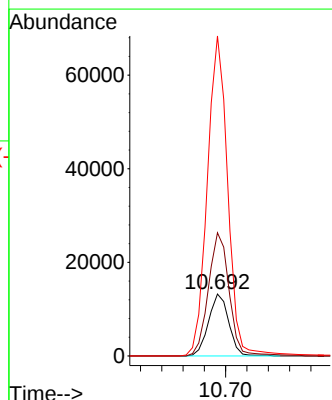
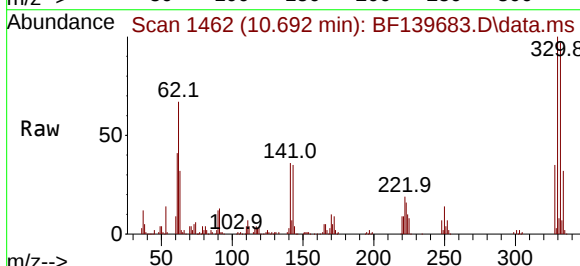
Tgt Ion:248 Resp: 17555

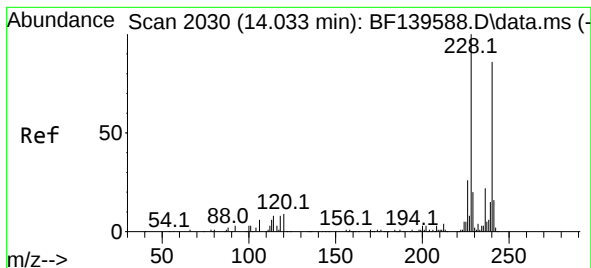
Ion Ratio Lower Upper

248 100

250 198.7 77.1 115.7#

141 516.3 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: BF139683.D

Acq: 07 Oct 2024 13:38

Instrument :

BNA_F

ClientSampleId :

PB163870BL

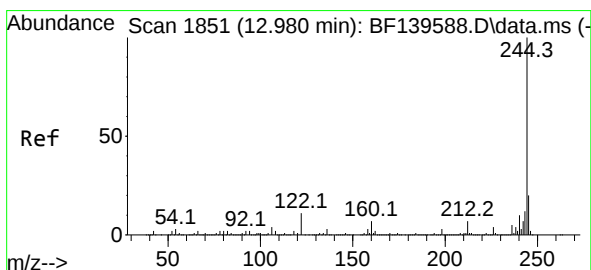
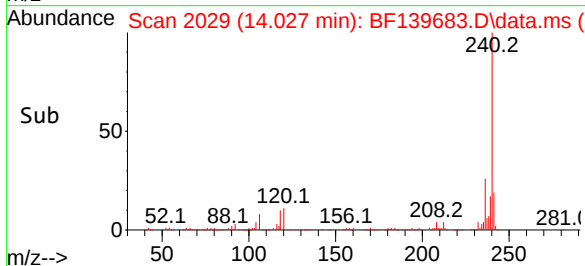
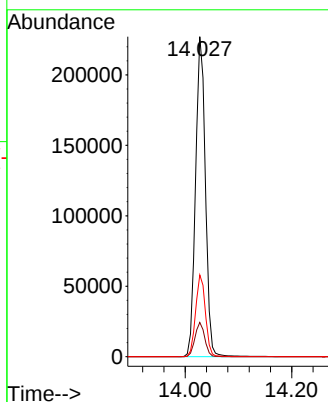
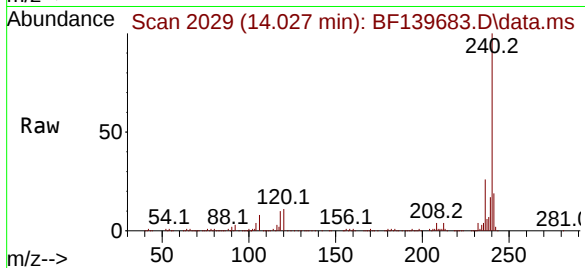
Tgt Ion:240 Resp: 291863

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

236 25.6 20.3 30.5



#79

Terphenyl-d14

Concen: 84.708 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139683.D

Acq: 07 Oct 2024 13:38

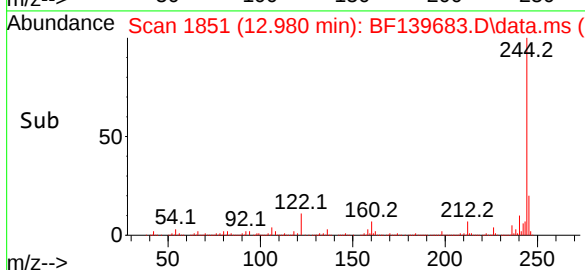
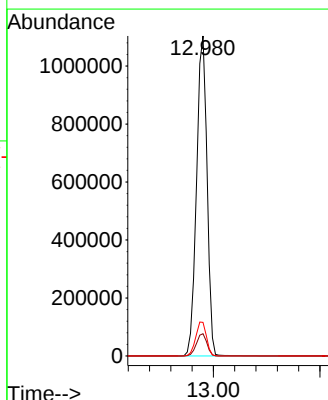
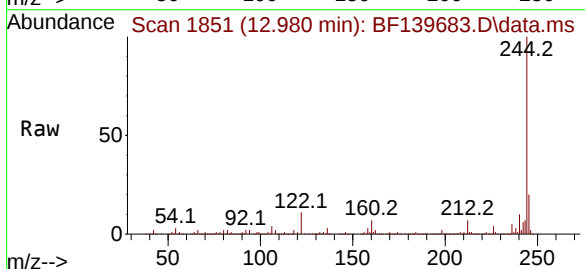
Tgt Ion:244 Resp: 1506752

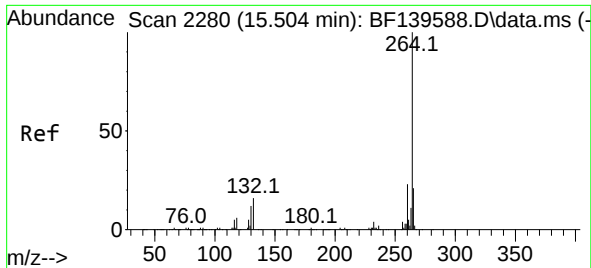
Ion Ratio Lower Upper

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: BF139683.D
 Acq: 07 Oct 2024 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB163870BL

Tgt Ion:264 Resp: 231220
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.2 16.9 25.3

