

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135839.D
 Acq On : 18 Oct 2023 10:57
 Operator : CG\JU
 Sample : PB156392BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156392BL

Quant Time: Oct 19 01:17:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

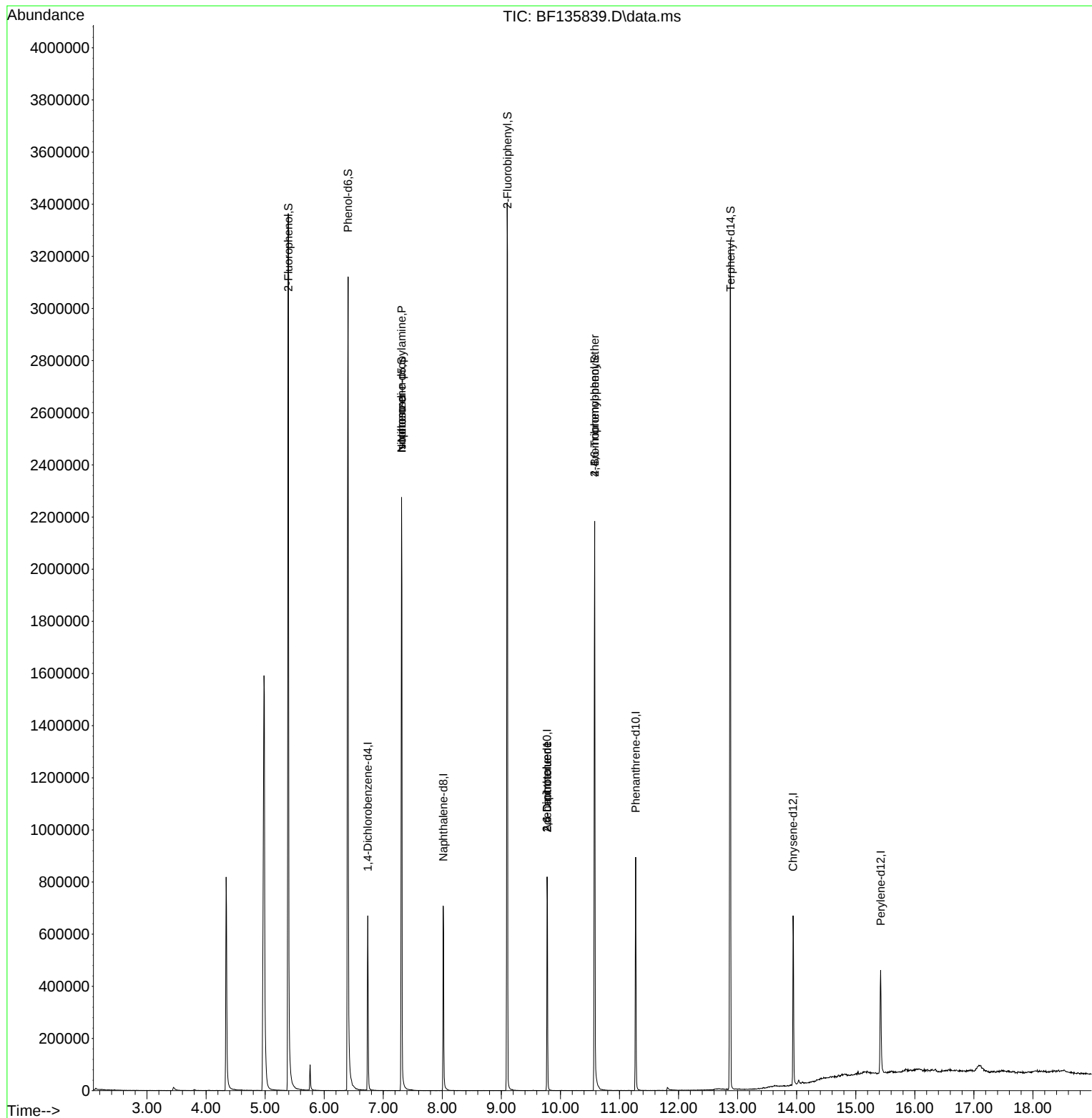
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	98368	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	320161	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	169262	20.000	ng	-0.01
64) Phenanthrene-d10	11.275	188	337637	20.000	ng	0.00
76) Chrysene-d12	13.939	240	237567	20.000	ng	-0.01
86) Perylene-d12	15.421	264	204539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	961157	157.094	ng	0.02
7) Phenol-d6	6.404	99	1177897	154.295	ng	0.00
23) Nitrobenzene-d5	7.310	82	752120	129.204	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	288849	177.840	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1169536	108.033	ng	0.00
79) Terphenyl-d14	12.880	244	1372759	107.011	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	102656	21.748	ng	# 75
25) Isophorone	7.310	82	752120	68.486	ng	# 66
51) 2,6-Dinitrotoluene	9.775	165	21359	8.693	ng	# 16
57) 2,4-Dinitrotoluene	9.775	165	21359	6.833	ng	# 23
67) 4-Bromophenyl-phenylether	10.580	248	17679	5.216	ng	# 1

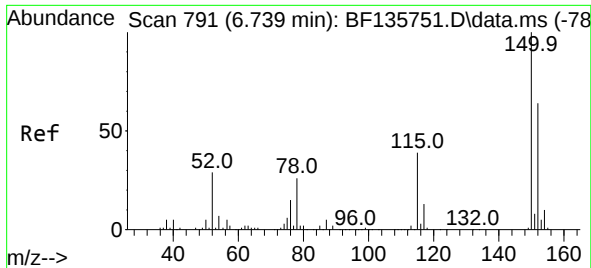
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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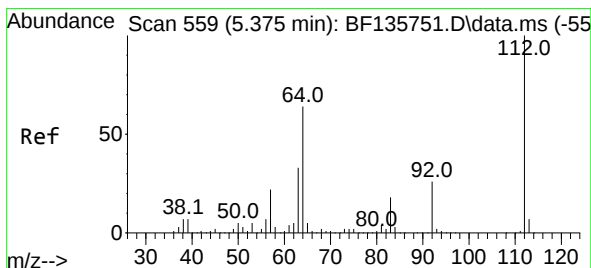
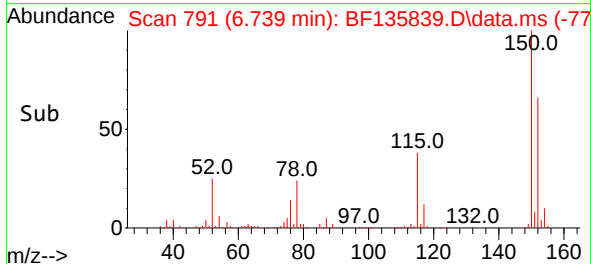
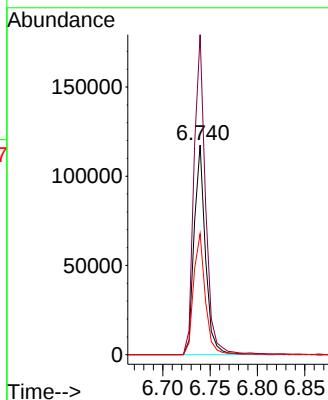
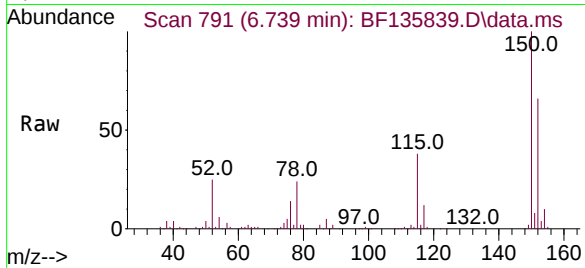




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135839.D
Acq: 18 Oct 2023 10:57

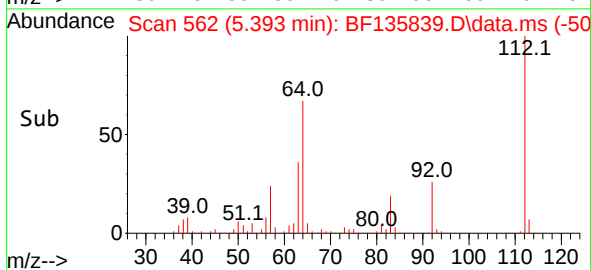
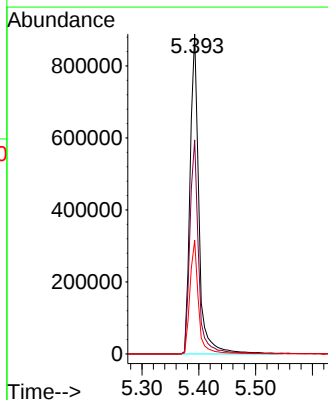
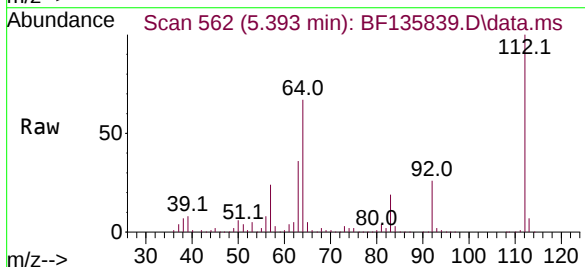
Instrument :
BNA_F
ClientSampleId :
PB156392BL

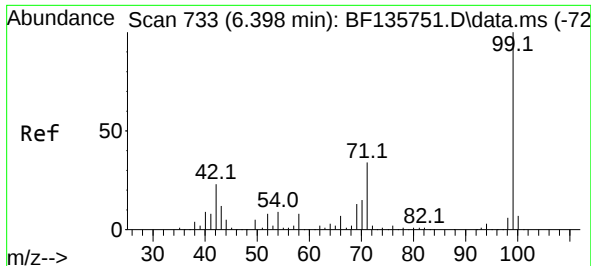
Tgt Ion:152 Resp: 98368
Ion Ratio Lower Upper
152 100
150 152.7 124.5 186.7
115 57.7 49.0 73.4



#5
2-Fluorophenol
Concen: 157.094 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.018 min
Lab File: BF135839.D
Acq: 18 Oct 2023 10:57

Tgt Ion:112 Resp: 961157
Ion Ratio Lower Upper
112 100
64 66.9 51.2 76.8
63 35.5 26.1 39.1

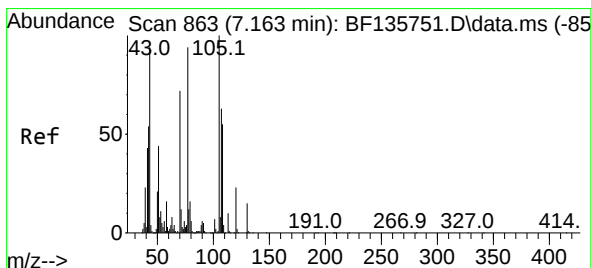
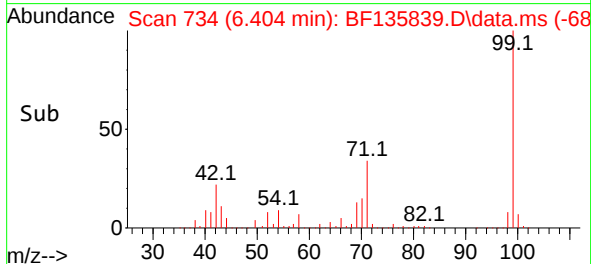
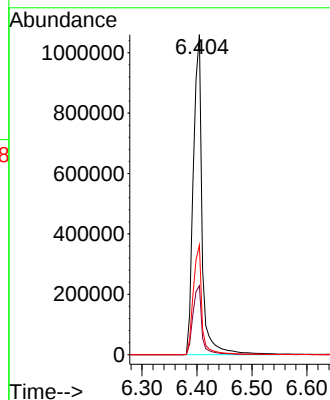
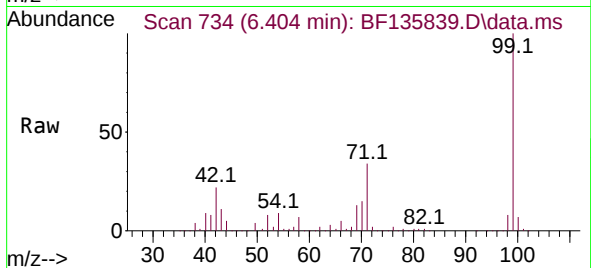




#7
Phenol-d6
Concen: 154.295 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135839.D
Acq: 18 Oct 2023 10:57

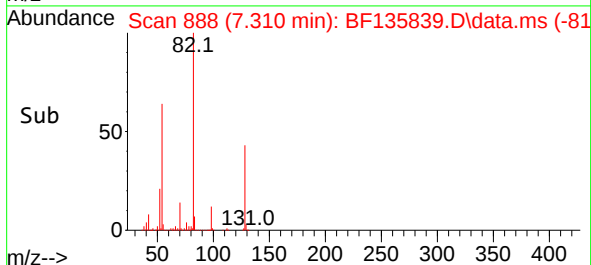
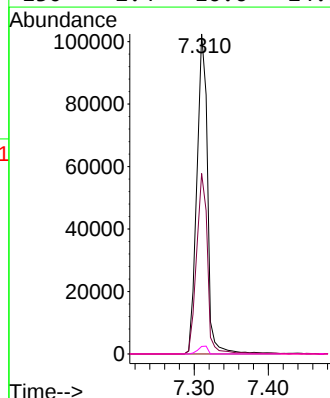
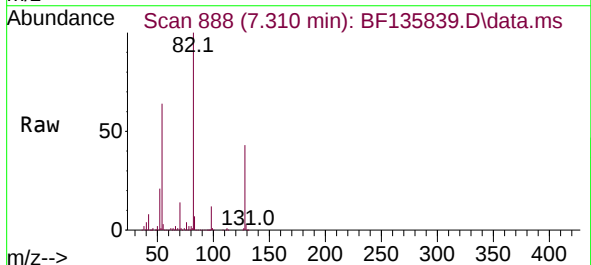
Instrument :
BNA_F
ClientSampleId :
PB156392BL

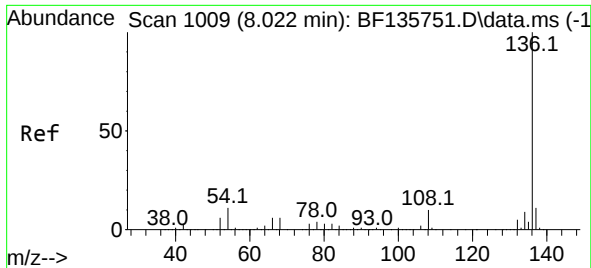
Tgt Ion: 99 Resp: 1177897
Ion Ratio Lower Upper
99 100
42 21.6 18.4 27.6
71 34.2 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.748 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF135839.D
Acq: 18 Oct 2023 10:57

Tgt Ion: 70 Resp: 102656
Ion Ratio Lower Upper
70 100
42 56.4 59.8 89.6#
101 0.0 7.4 11.2#
130 2.4 16.6 24.8#

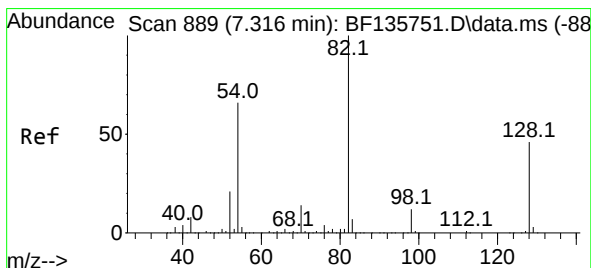
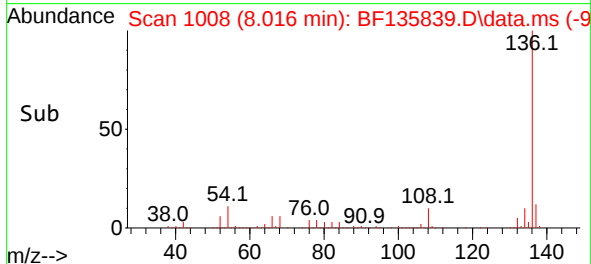
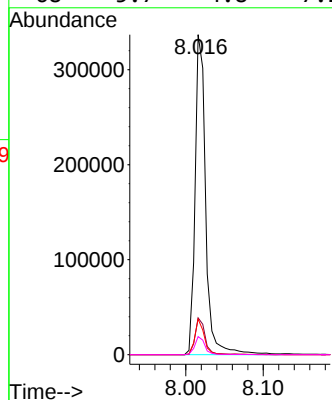
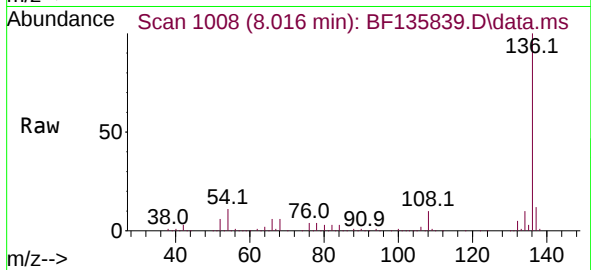




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135839.D
Acq: 18 Oct 2023 10:57

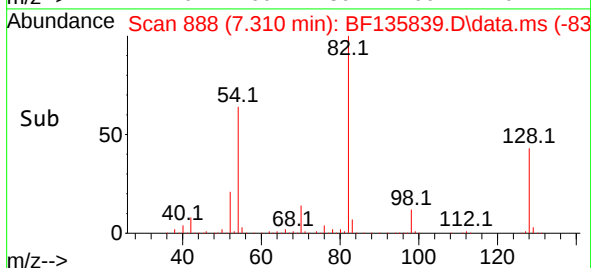
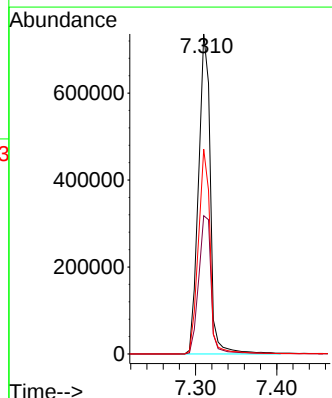
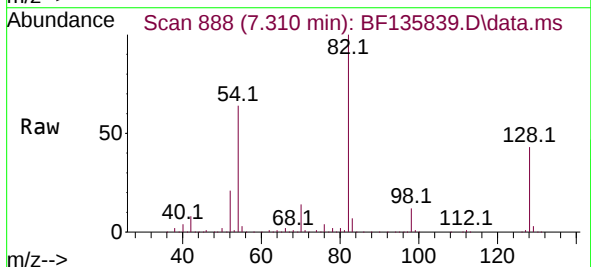
Instrument :
BNA_F
ClientSampleId :
PB156392BL

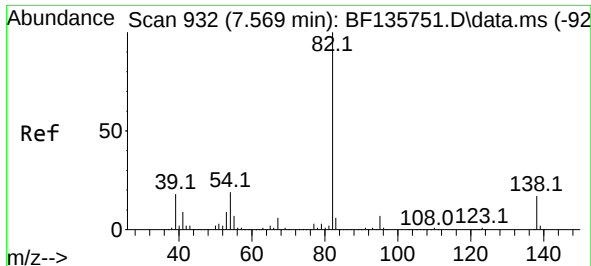
Tgt Ion:136	Resp: 320161
Ion Ratio	Lower Upper
136 100	
137 11.5	8.6 12.8
54 11.2	8.5 12.7
68 5.7	4.8 7.2



#23
Nitrobenzene-d5
Concen: 129.204 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135839.D
Acq: 18 Oct 2023 10:57

Tgt Ion: 82	Resp: 752120
Ion Ratio	Lower Upper
82 100	
128 43.2	37.0 55.6
54 64.0	52.8 79.2

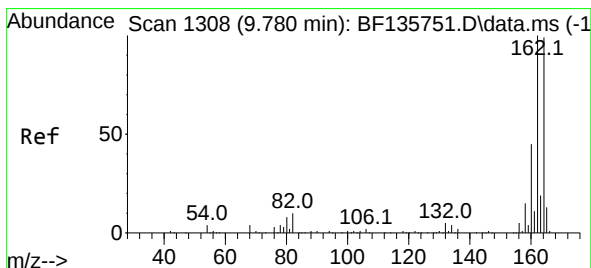
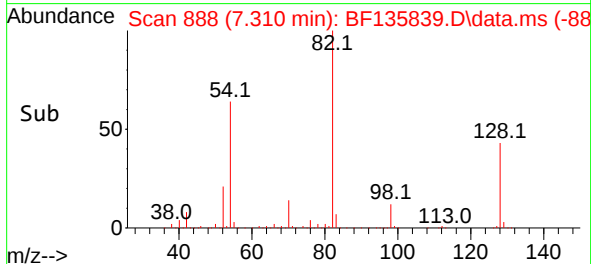
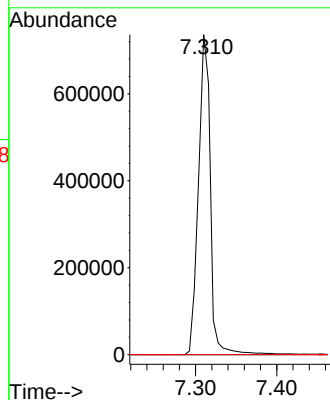
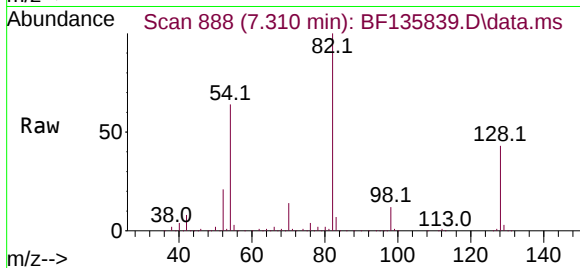




#25
Isophorone
Concen: 68.486 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135839.D
Acq: 18 Oct 2023 10:57

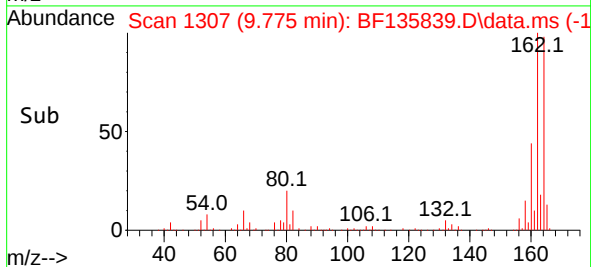
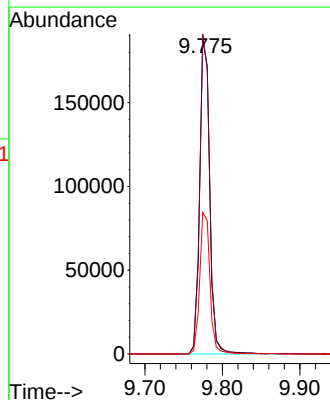
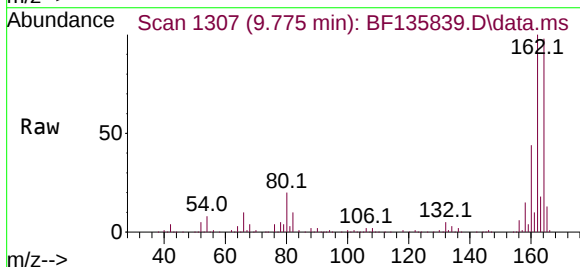
Instrument :
BNA_F
ClientSampleId :
PB156392BL

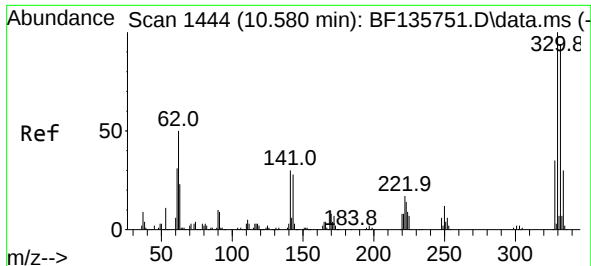
Tgt Ion: 82 Resp: 752120
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135839.D
Acq: 18 Oct 2023 10:57

Tgt Ion: 164 Resp: 169262
Ion Ratio Lower Upper
164 100
162 101.8 80.8 121.2
160 45.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 177.840 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135839.D

Acq: 18 Oct 2023 10:57

Instrument :

BNA_F

ClientSampleId :

PB156392BL

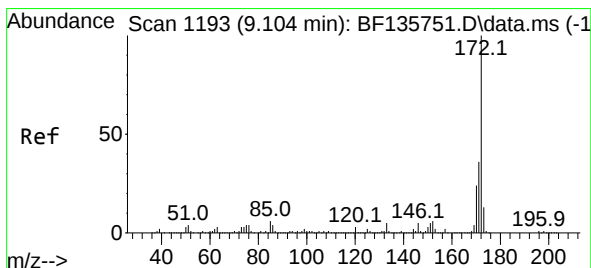
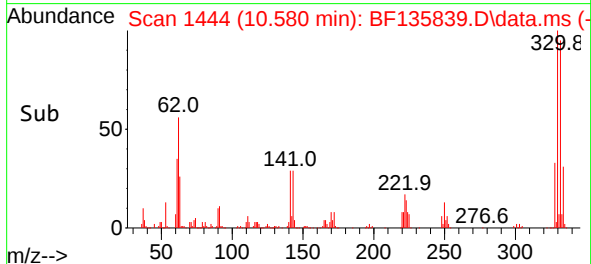
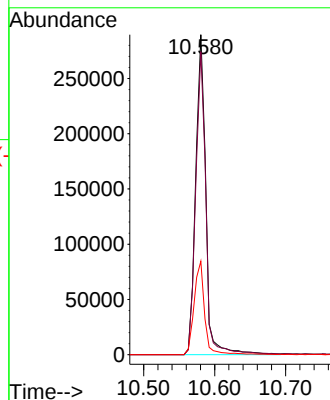
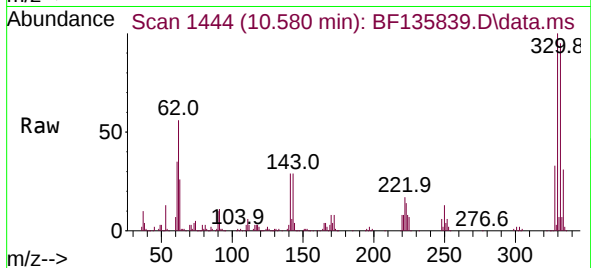
Tgt Ion:330 Resp: 288849

Ion Ratio Lower Upper

330 100

332 94.7 75.0 112.4

141 30.4 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 108.033 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF135839.D

Acq: 18 Oct 2023 10:57

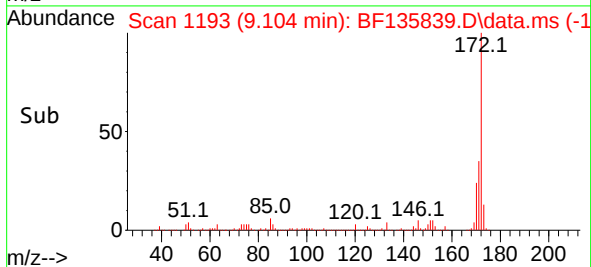
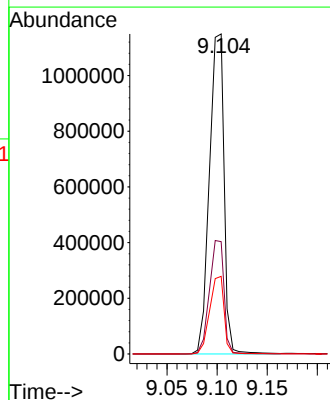
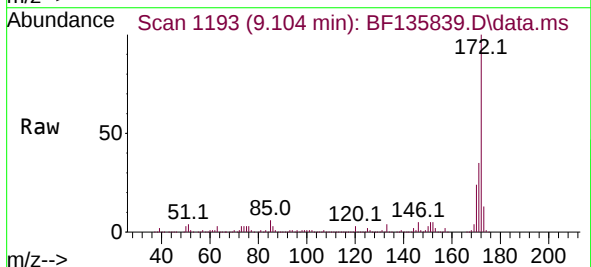
Tgt Ion:172 Resp: 1169536

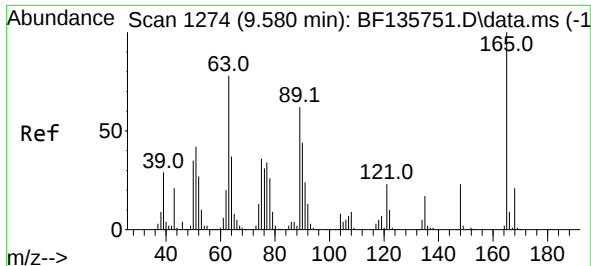
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 24.3 18.8 28.2

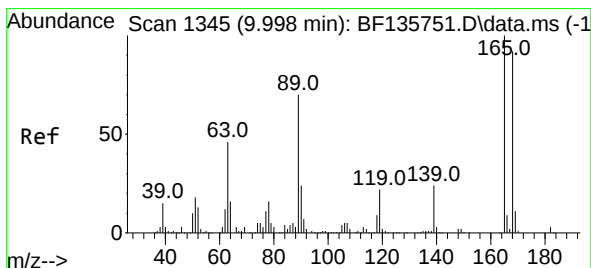
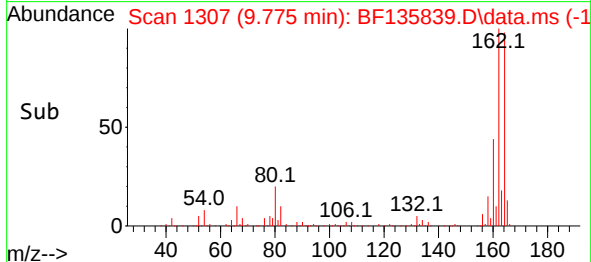
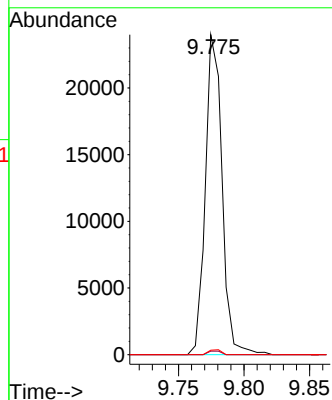
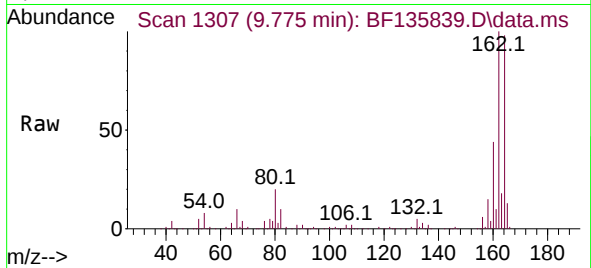




#51
2,6-Dinitrotoluene
Concen: 8.693 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135839.D
Acq: 18 Oct 2023 10:57

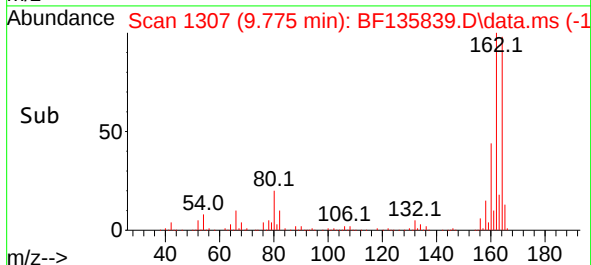
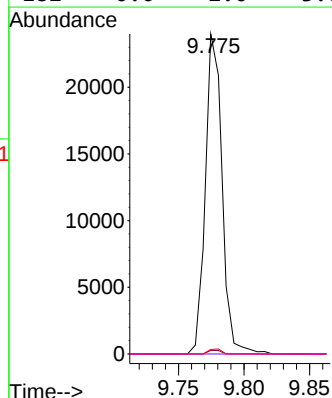
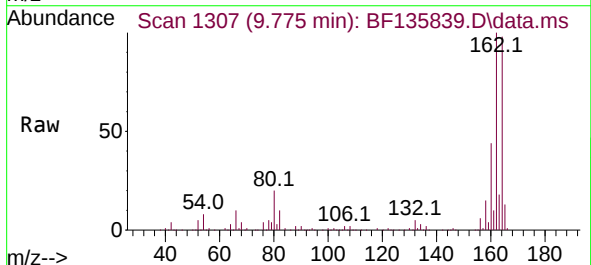
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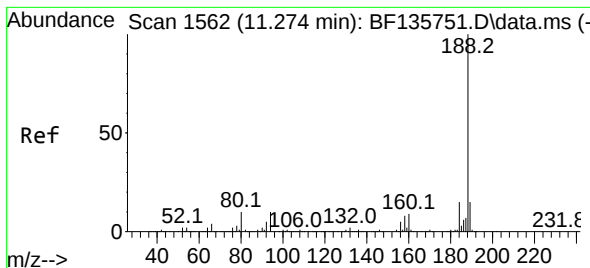
Tgt Ion:165 Resp: 21359
Ion Ratio Lower Upper
165 100
63 1.1 62.2 93.4#
89 1.4 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 6.833 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.230 min
Lab File: BF135839.D
Acq: 18 Oct 2023 10:57

Tgt Ion:165 Resp: 21359
Ion Ratio Lower Upper
165 100
63 1.1 39.0 58.4#
89 1.4 55.9 83.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135839.D

Acq: 18 Oct 2023 10:57

Instrument :

BNA_F

ClientSampleId :

PB156392BL

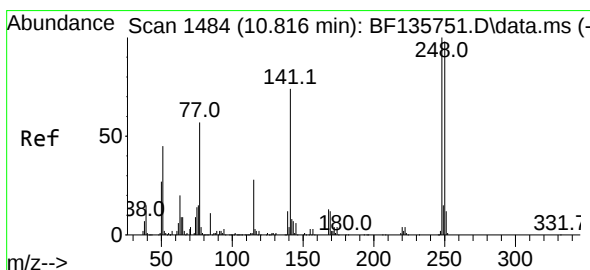
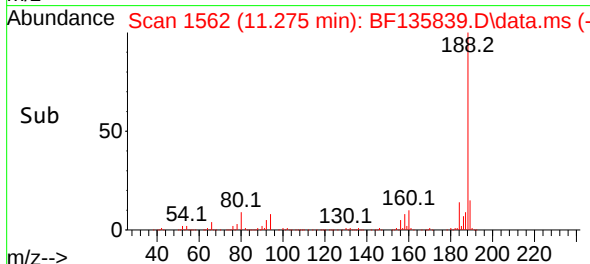
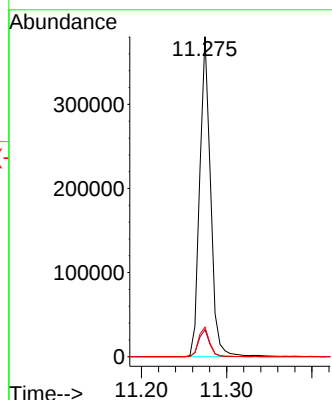
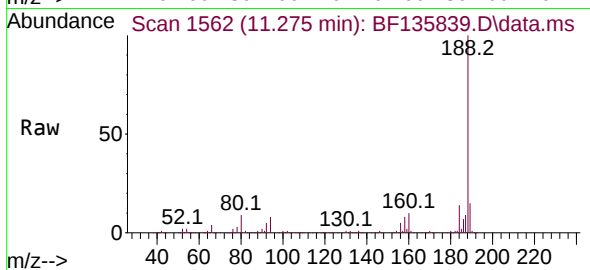
Tgt Ion:188 Resp: 337637

Ion Ratio Lower Upper

188 100

94 8.4 8.0 12.0

80 9.3 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 5.216 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.241 min

Lab File: BF135839.D

Acq: 18 Oct 2023 10:57

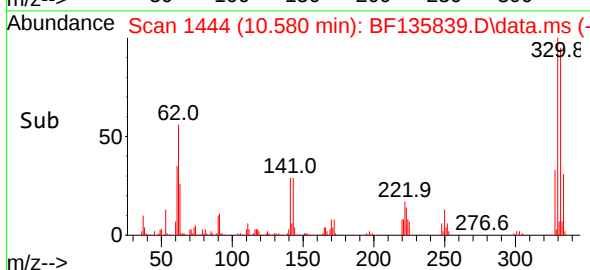
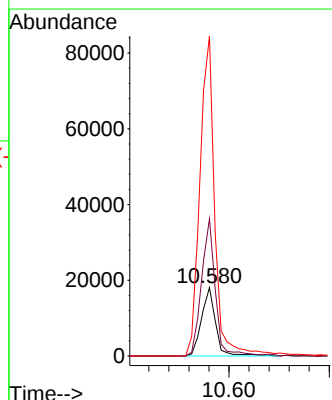
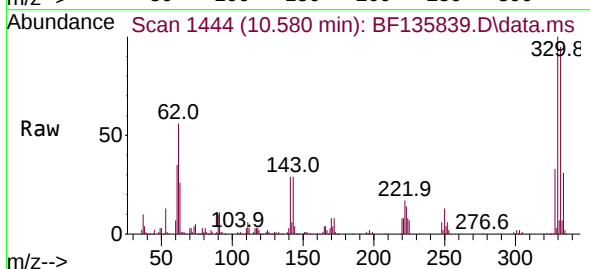
Tgt Ion:248 Resp: 17679

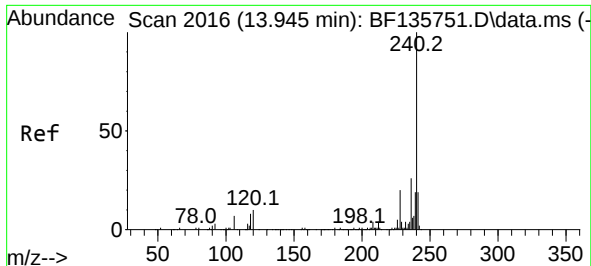
Ion Ratio Lower Upper

248 100

250 200.8 78.0 117.0#

141 468.2 59.0 88.6#

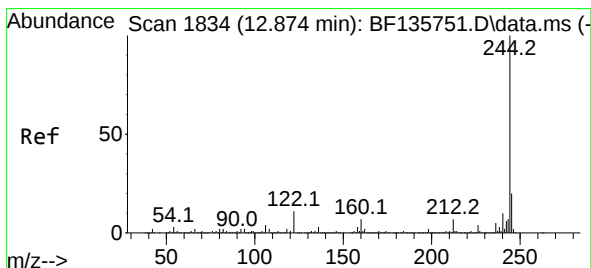
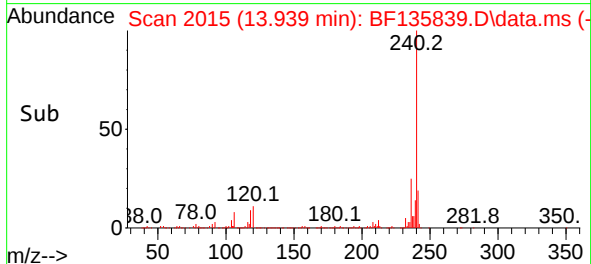
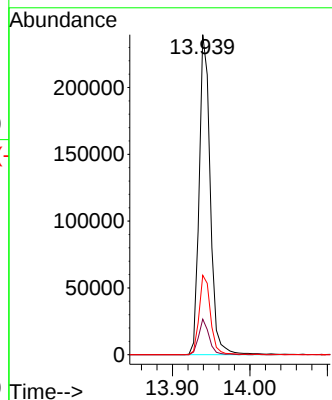
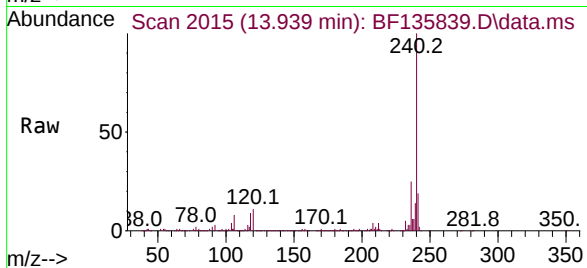




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF135839.D
Acq: 18 Oct 2023 10:57

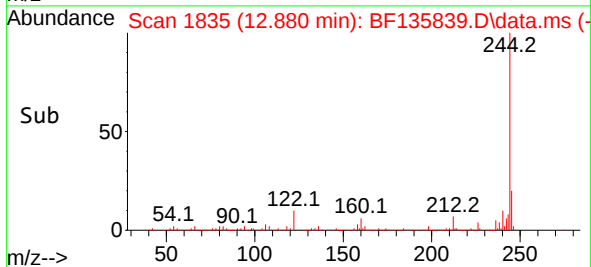
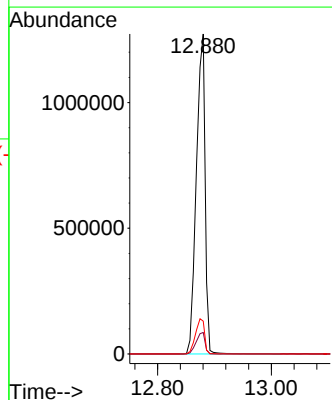
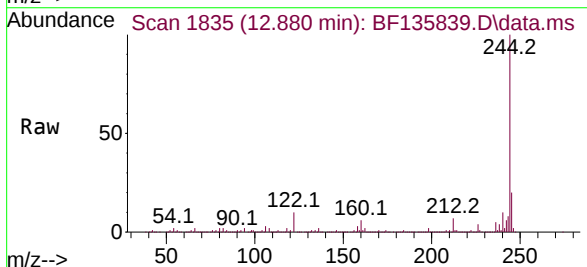
Instrument :
BNA_F
ClientSampleId :
PB156392BL

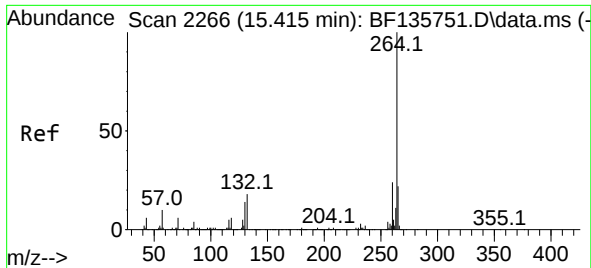
Tgt Ion:240 Resp: 237567
Ion Ratio Lower Upper
240 100
120 11.1 8.2 12.2
236 24.8 21.2 31.8



#79
Terphenyl-d14
Concen: 107.011 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BF135839.D
Acq: 18 Oct 2023 10:57

Tgt Ion:244 Resp: 1372759
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.3 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF135839.D
 Acq: 18 Oct 2023 10:57

Instrument :
 BNA_F
 ClientSampleId :
 PB156392BL

Tgt Ion:264 Resp: 204539
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.1 17.4 26.2

