

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
 Data File : BF126764.D
 Acq On : 31 Jan 2022 21:08
 Operator : CG/JU
 Sample : N1335-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-4D

Quant Time: Feb 01 02:43:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

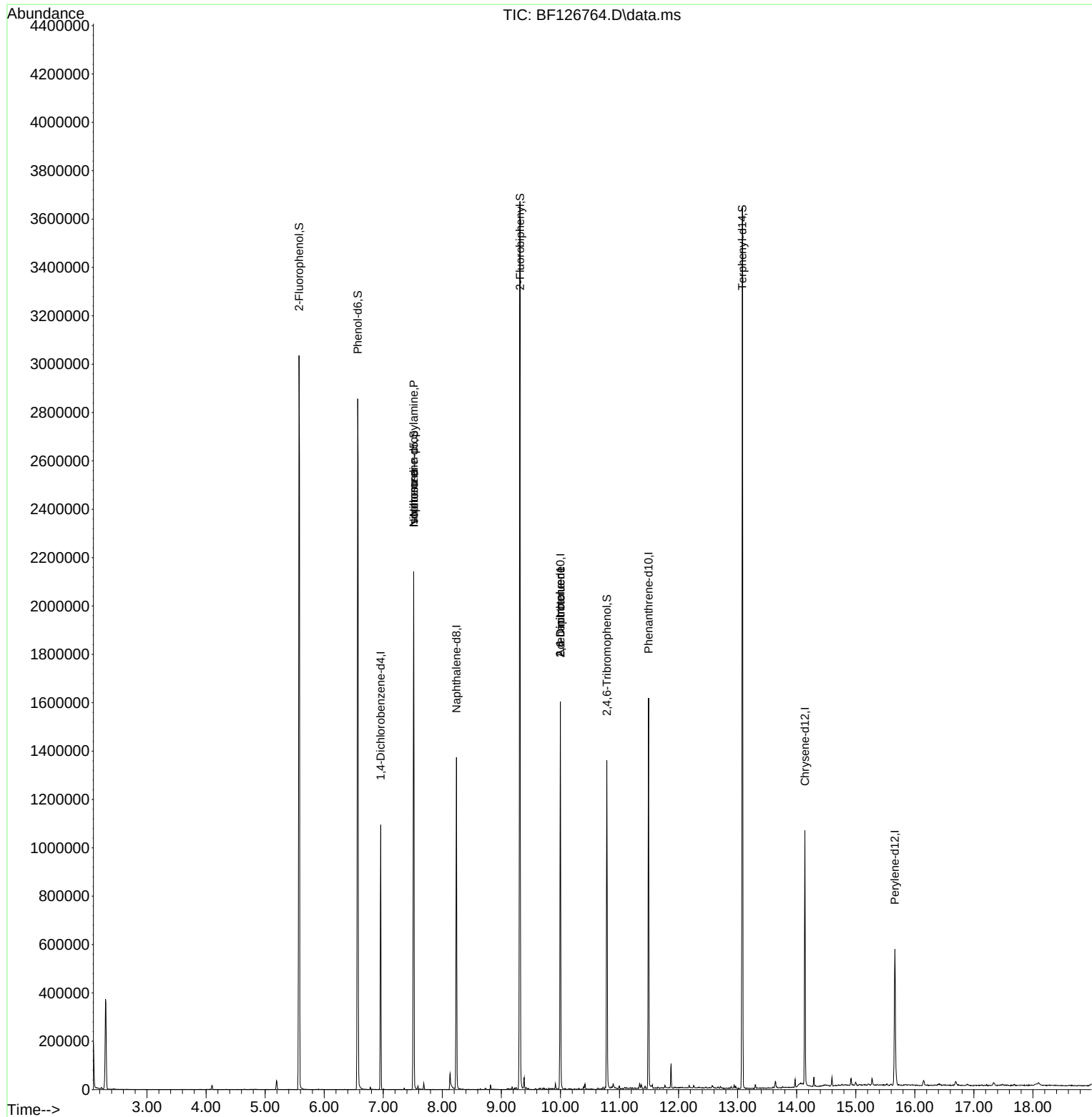
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	137164	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	539116	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	302704	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	517248	20.000	ng	0.00
76) Chrysene-d12	14.139	240	340801	20.000	ng	# 0.00
86) Perylene-d12	15.662	264	261936	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	846408	81.201	ng	0.00
7) Phenol-d6	6.569	99	1146266	79.149	ng	0.00
23) Nitrobenzene-d5	7.516	82	791674	57.477	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	141812	50.060	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1060724	53.666	ng	0.00
79) Terphenyl-d14	13.080	244	1170355	57.599	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	255	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.516	70	105171	9.950 ng	#	67
25) Isophorone	7.516	82	786181	29.432 ng	#	69
51) 2,6-Dinitrotoluene	9.998	165	37697	10.161 ng	#	21
57) 2,4-Dinitrotoluene	9.998	165	37697	8.385 ng	#	15

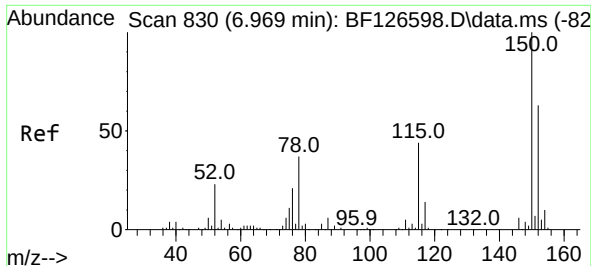
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
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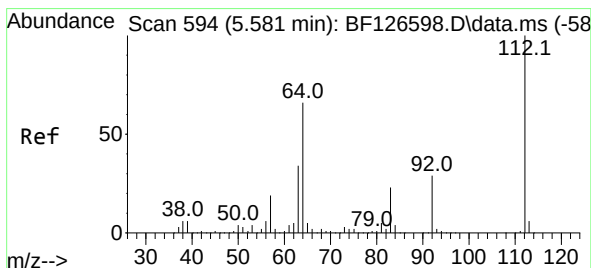
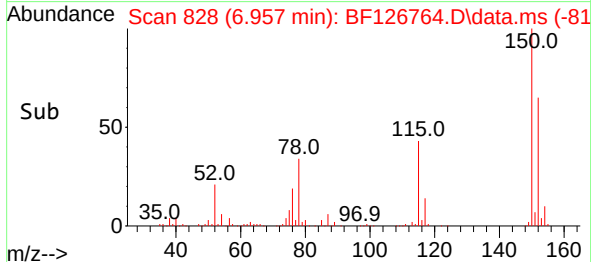
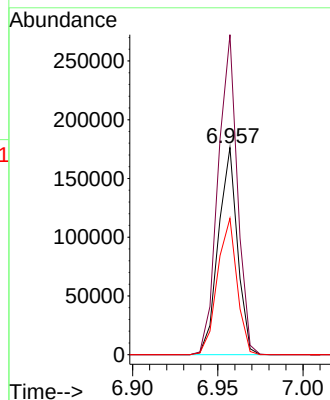
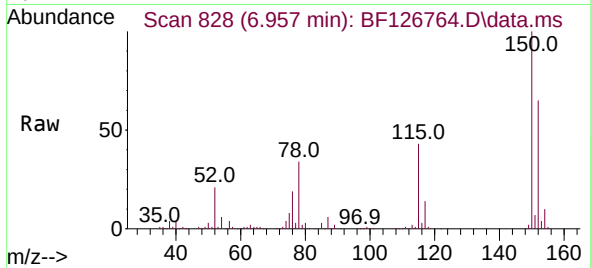




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF126764.D
 Acq: 31 Jan 2022 21:08

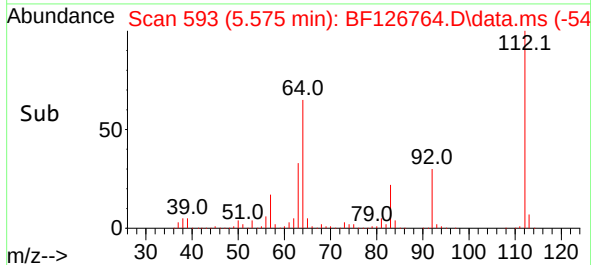
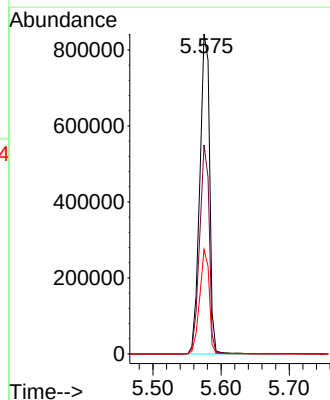
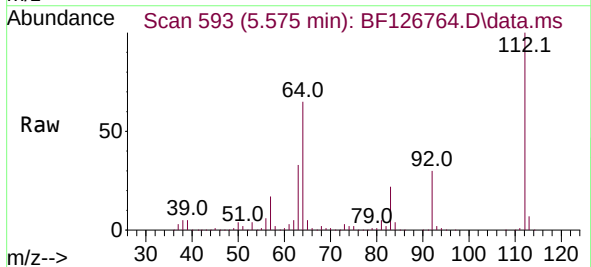
Instrument :
 BNA_F
 ClientSampleId :
 MH-4D

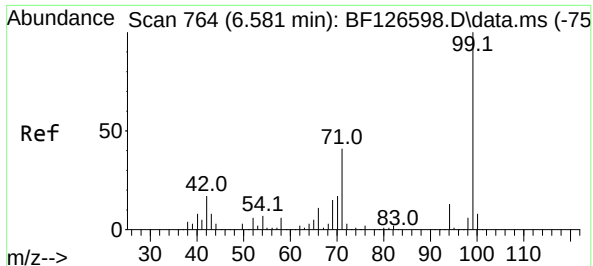
Tgt Ion:152 Resp: 137164
 Ion Ratio Lower Upper
 152 100
 150 154.4 128.1 192.1
 115 65.8 56.7 85.1



#5
 2-Fluorophenol
 Concen: 81.201 ng
 RT: 5.575 min Scan# 593
 Delta R.T. 0.006 min
 Lab File: BF126764.D
 Acq: 31 Jan 2022 21:08

Tgt Ion:112 Resp: 846408
 Ion Ratio Lower Upper
 112 100
 64 65.3 49.5 74.3
 63 32.7 23.9 35.9

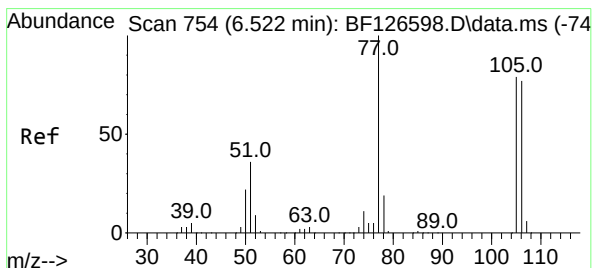
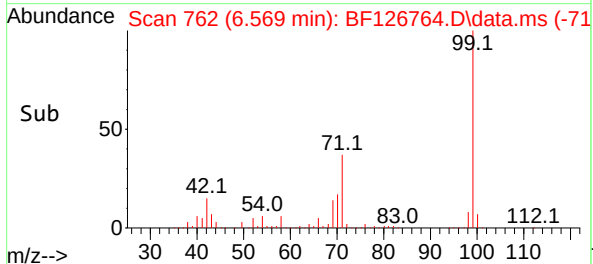
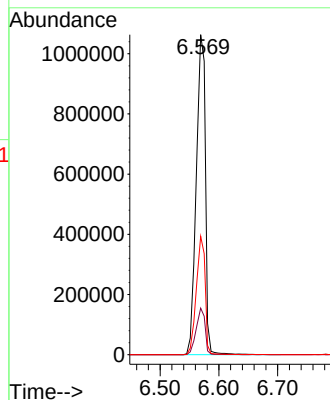
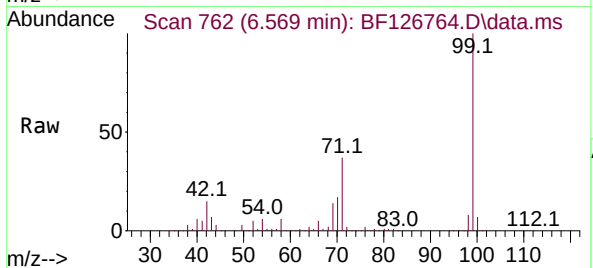




#7
Phenol-d6
Concen: 79.149 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126764.D
Acq: 31 Jan 2022 21:08

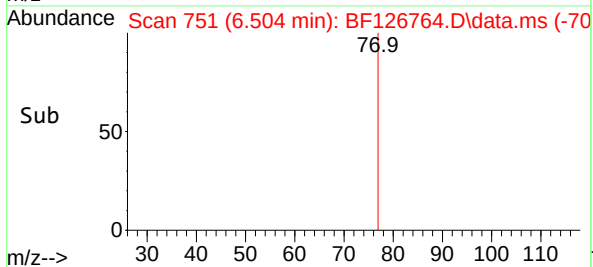
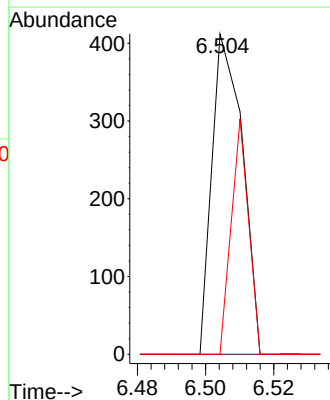
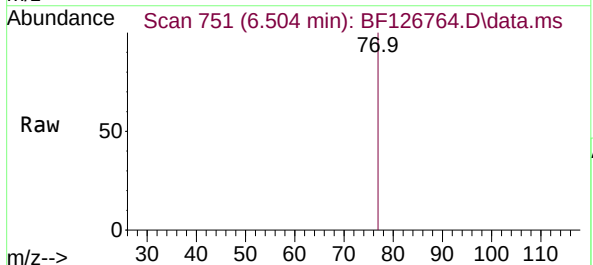
Instrument :
BNA_F
ClientSampleId :
MH-4D

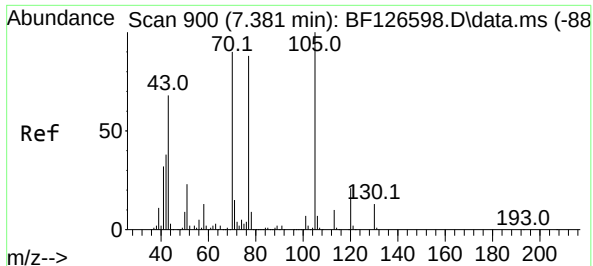
Tgt Ion: 99 Resp: 1146266
Ion Ratio Lower Upper
99 100
42 14.6 14.2 21.4
71 37.0 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF126764.D
Acq: 31 Jan 2022 21:08

Tgt Ion: 77 Resp: 255
Ion Ratio Lower Upper
77 100
105 0.0 74.9 114.9#
106 0.0 72.4 112.4#





#19

n-Nitroso-di-n-propylamine

Concen: 9.950 ng

RT: 7.516 min Scan# 91

Delta R.T. 0.147 min

Lab File: BF126764.D

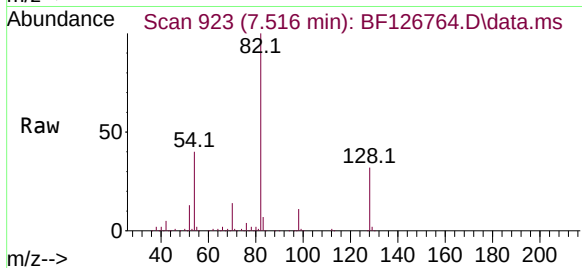
Acq: 31 Jan 2022 21:08

Instrument :

BNA_F

ClientSampleId :

MH-4D



Tgt Ion: 70 Resp: 105171

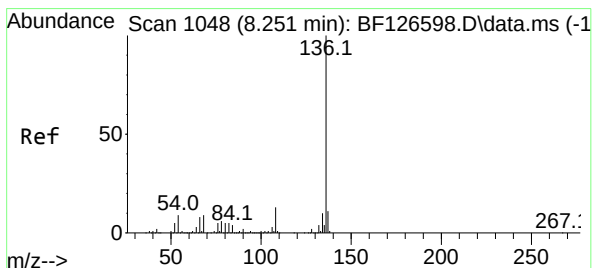
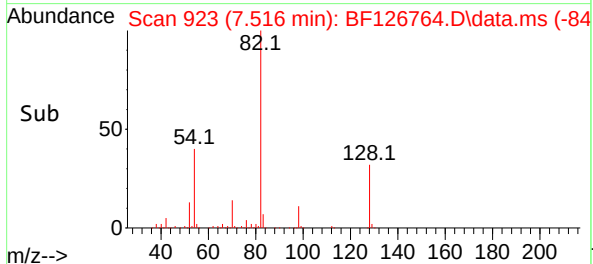
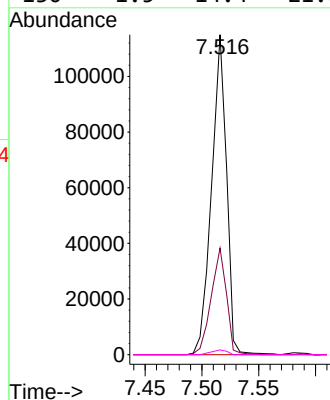
Ion Ratio Lower Upper

70 100

42 33.3 45.8 68.8#

101 0.0 6.9 10.3#

130 1.5 14.4 21.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.239 min Scan# 1046

Delta R.T. 0.000 min

Lab File: BF126764.D

Acq: 31 Jan 2022 21:08

Tgt Ion: 136 Resp: 539116

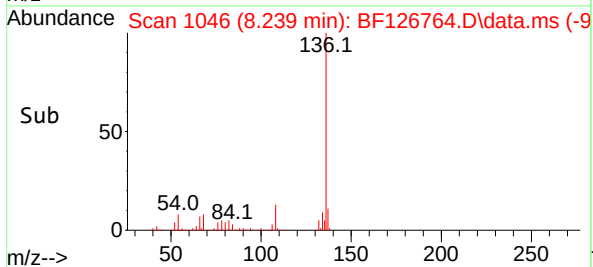
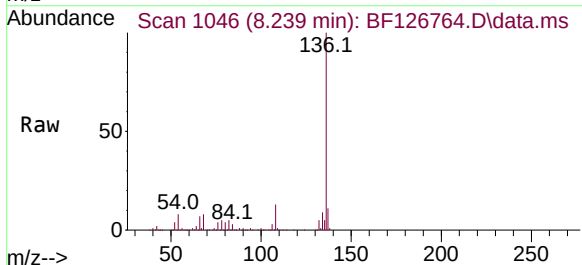
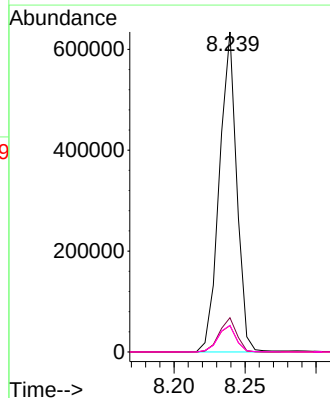
Ion Ratio Lower Upper

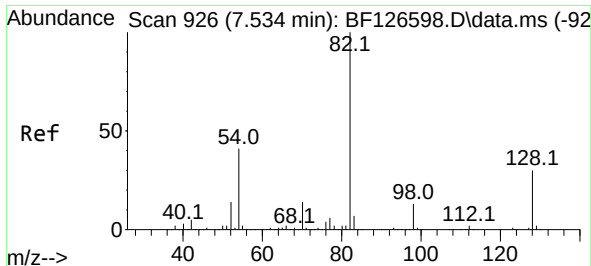
136 100

137 10.7 8.6 13.0

54 8.2 7.8 11.6

68 8.3 6.3 9.5

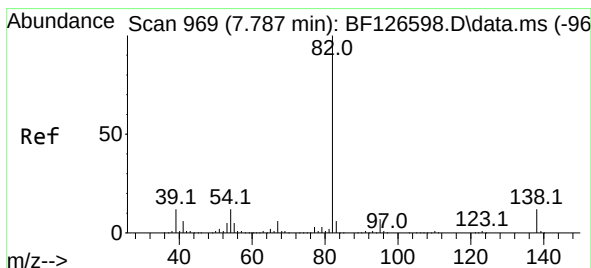
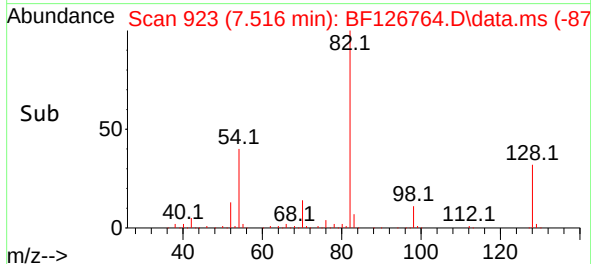
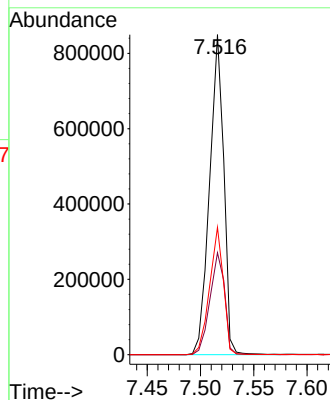
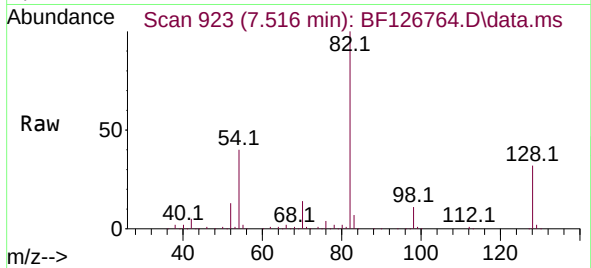




#23
Nitrobenzene-d5
Concen: 57.477 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126764.D
Acq: 31 Jan 2022 21:08

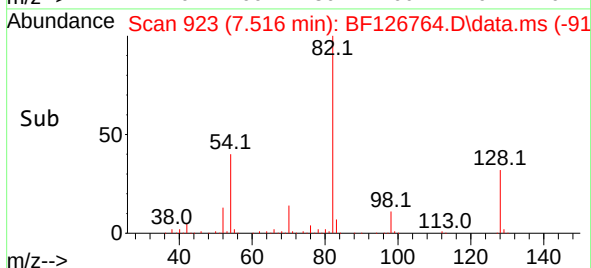
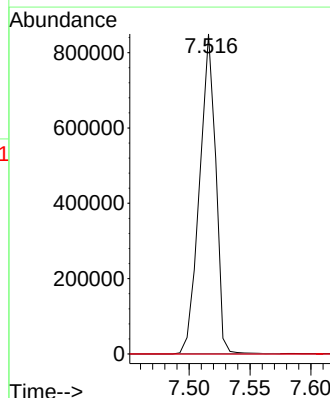
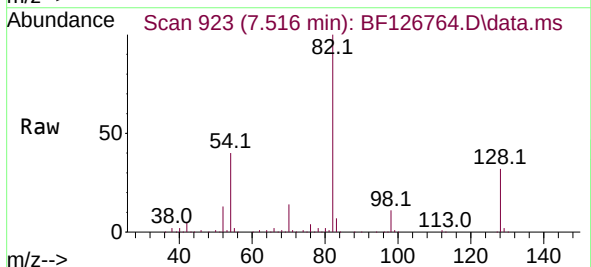
Instrument :
BNA_F
ClientSampleId :
MH-4D

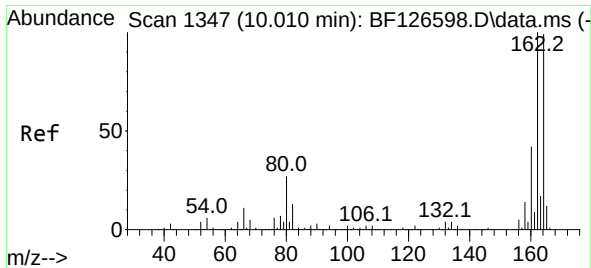
Tgt Ion: 82 Resp: 791674
Ion Ratio Lower Upper
82 100
128 31.8 32.7 49.1#
54 39.8 41.7 62.5#



#25
Isophorone
Concen: 29.432 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.265 min
Lab File: BF126764.D
Acq: 31 Jan 2022 21:08

Tgt Ion: 82 Resp: 786181
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

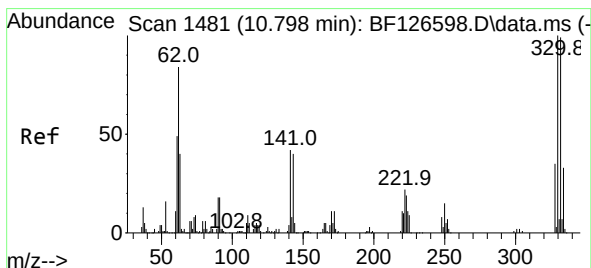
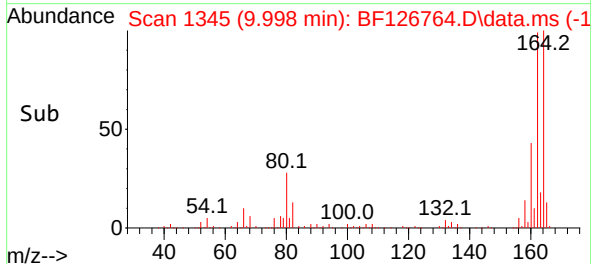
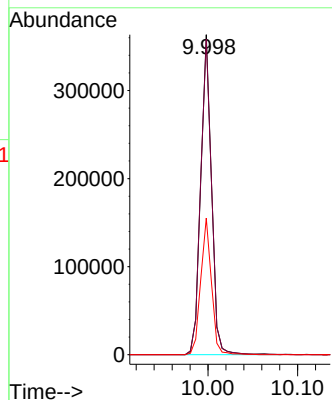
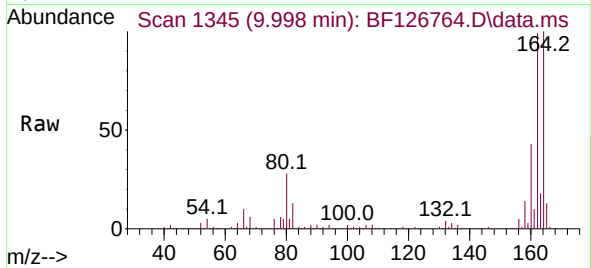




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126764.D
Acq: 31 Jan 2022 21:08

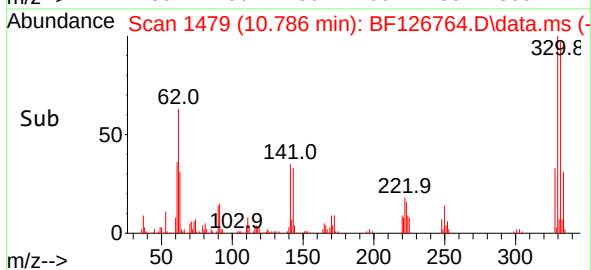
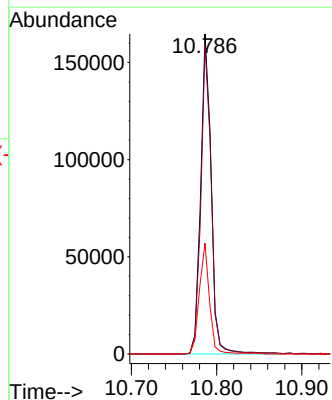
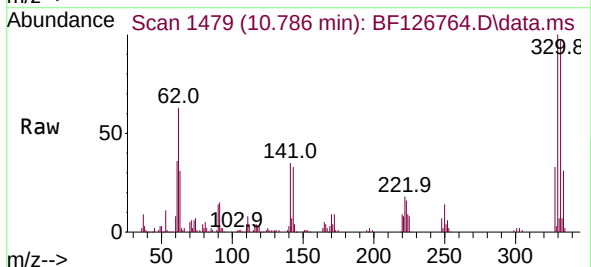
Instrument :
BNA_F
ClientSampleId :
MH-4D

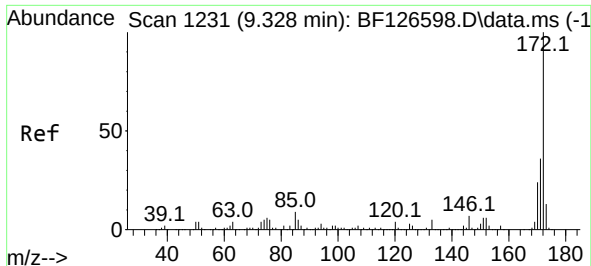
Tgt Ion:164 Resp: 302704
Ion Ratio Lower Upper
164 100
162 98.6 81.4 122.0
160 42.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 50.060 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126764.D
Acq: 31 Jan 2022 21:08

Tgt Ion:330 Resp: 141812
Ion Ratio Lower Upper
330 100
332 94.9 76.0 114.0
141 33.4 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 53.666 ng

RT: 9.316 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BF126764.D

Acq: 31 Jan 2022 21:08

Instrument :

BNA_F

ClientSampleId :

MH-4D

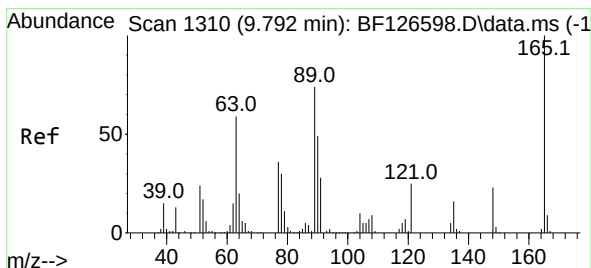
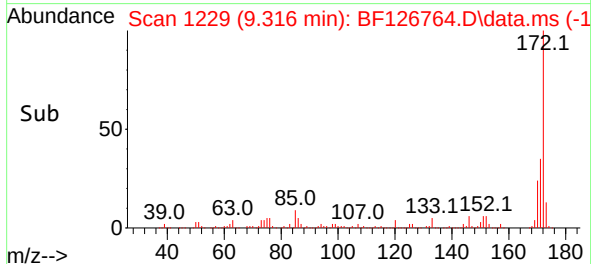
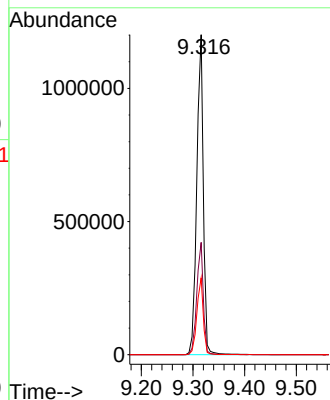
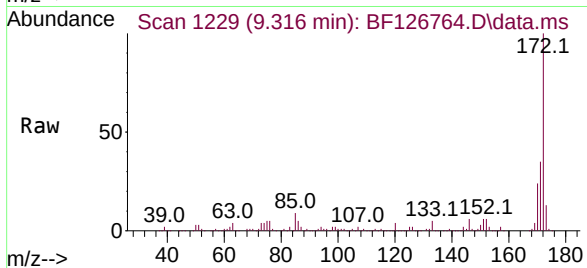
Tgt Ion:172 Resp: 1060724

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 24.0 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.161 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126764.D

Acq: 31 Jan 2022 21:08

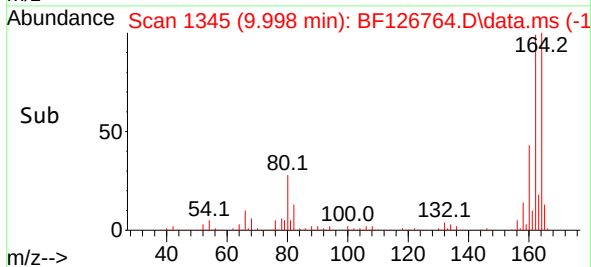
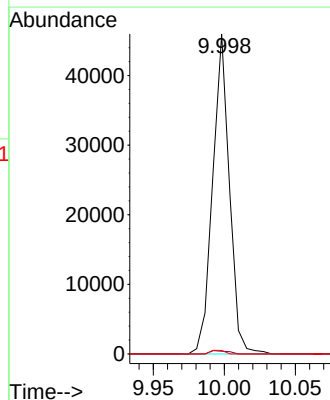
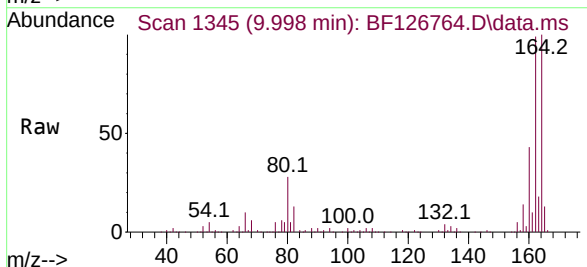
Tgt Ion:165 Resp: 37697

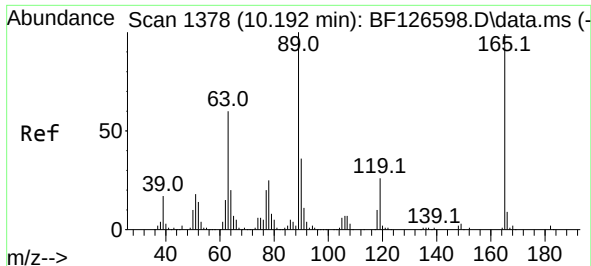
Ion Ratio Lower Upper

165 100

63 0.9 48.4 72.6#

89 1.1 50.5 75.7#

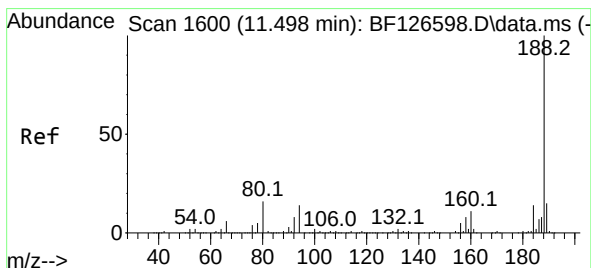
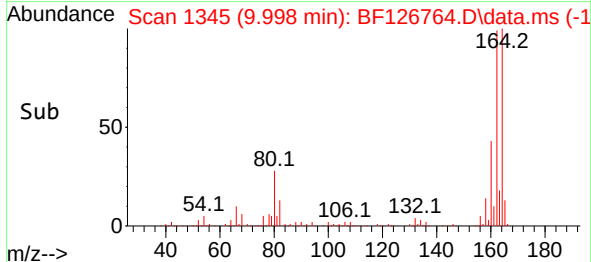
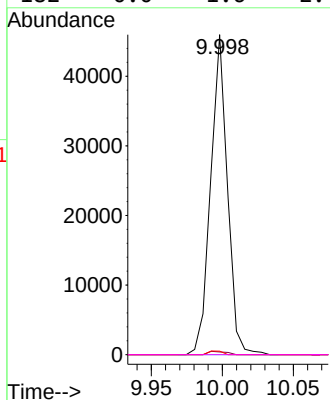
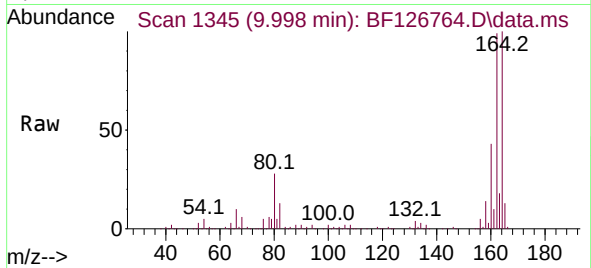




#57
2,4-Dinitrotoluene
Concen: 8.385 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126764.D
Acq: 31 Jan 2022 21:08

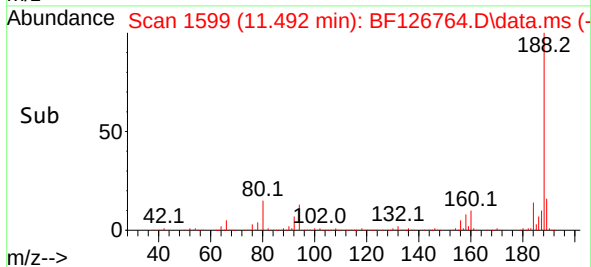
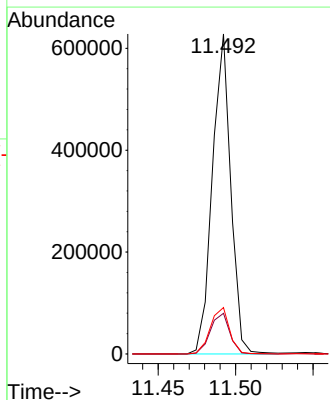
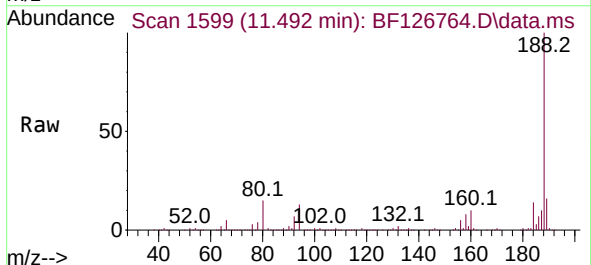
Instrument :
BNA_F
ClientSampleId :
MH-4D

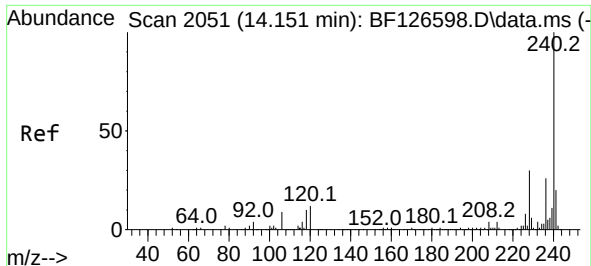
Tgt Ion:165 Resp: 37697
Ion Ratio Lower Upper
165 100
63 0.9 43.0 64.6#
89 1.1 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF126764.D
Acq: 31 Jan 2022 21:08

Tgt Ion:188 Resp: 517248
Ion Ratio Lower Upper
188 100
94 12.7 10.1 15.1
80 14.5 11.8 17.6

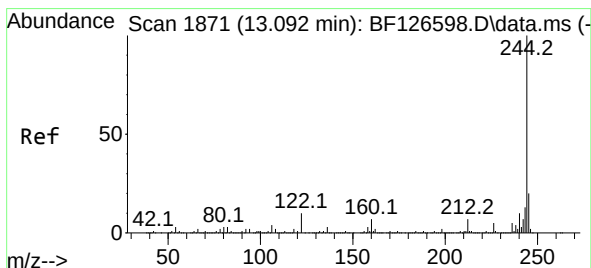
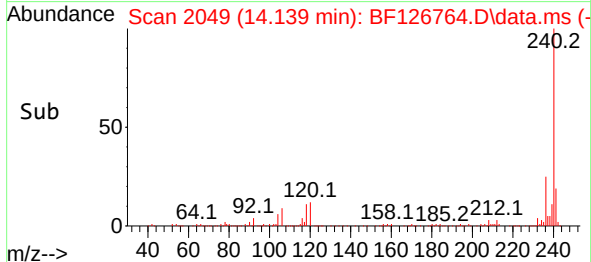
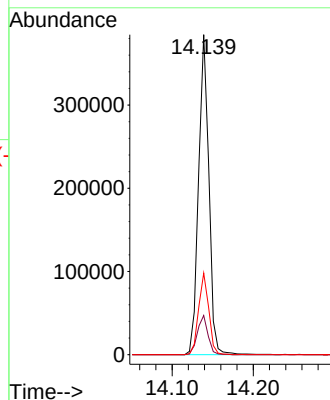
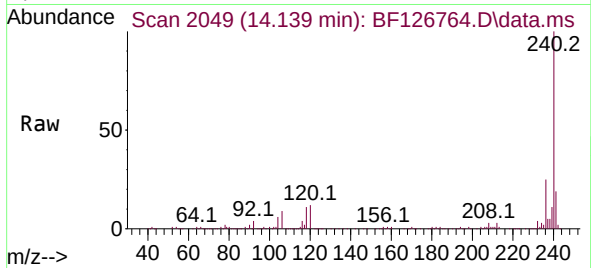




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF126764.D
Acq: 31 Jan 2022 21:08

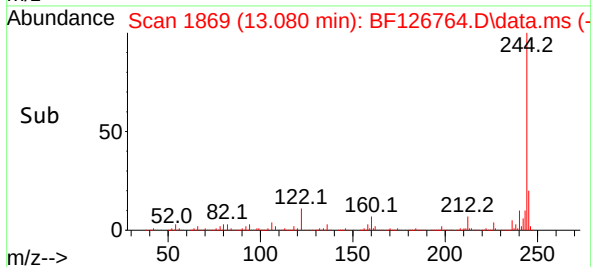
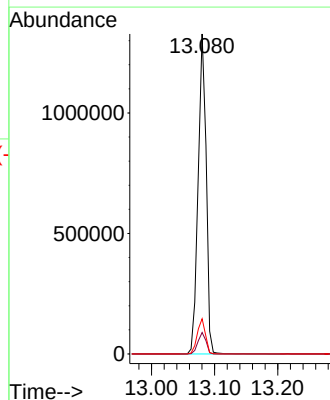
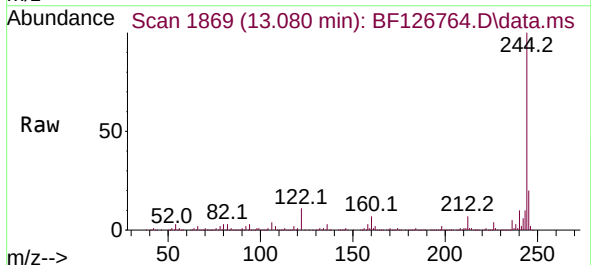
Instrument :
BNA_F
ClientSampleId :
MH-4D

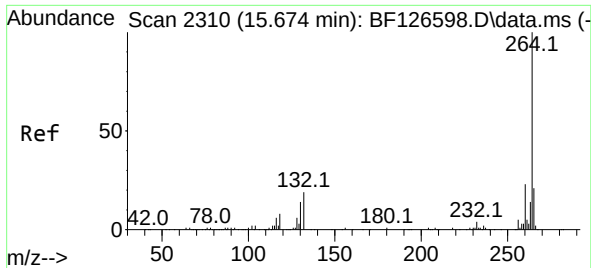
Tgt Ion:240 Resp: 340801
Ion Ratio Lower Upper
240 100
120 12.3 14.4 21.6#
236 25.5 20.5 30.7



#79
Terphenyl-d14
Concen: 57.599 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BF126764.D
Acq: 31 Jan 2022 21:08

Tgt Ion:244 Resp: 1170355
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.4
122 11.0 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF126764.D
 Acq: 31 Jan 2022 21:08

Instrument :
 BNA_F
 ClientSampleId :
 MH-4D

Tgt Ion:264	Resp:	261936
Ion	Ratio	Lower Upper
264	100	
260	24.5	19.2 28.8
265	20.5	17.4 26.2

