

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
 Data File : BF126802.D
 Acq On : 04 Feb 2022 09:50
 Operator : CG/JU
 Sample : PB142443BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142443BL

Quant Time: Feb 04 18:13:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 02 15:08:47 2022
 Response via : Initial Calibration

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

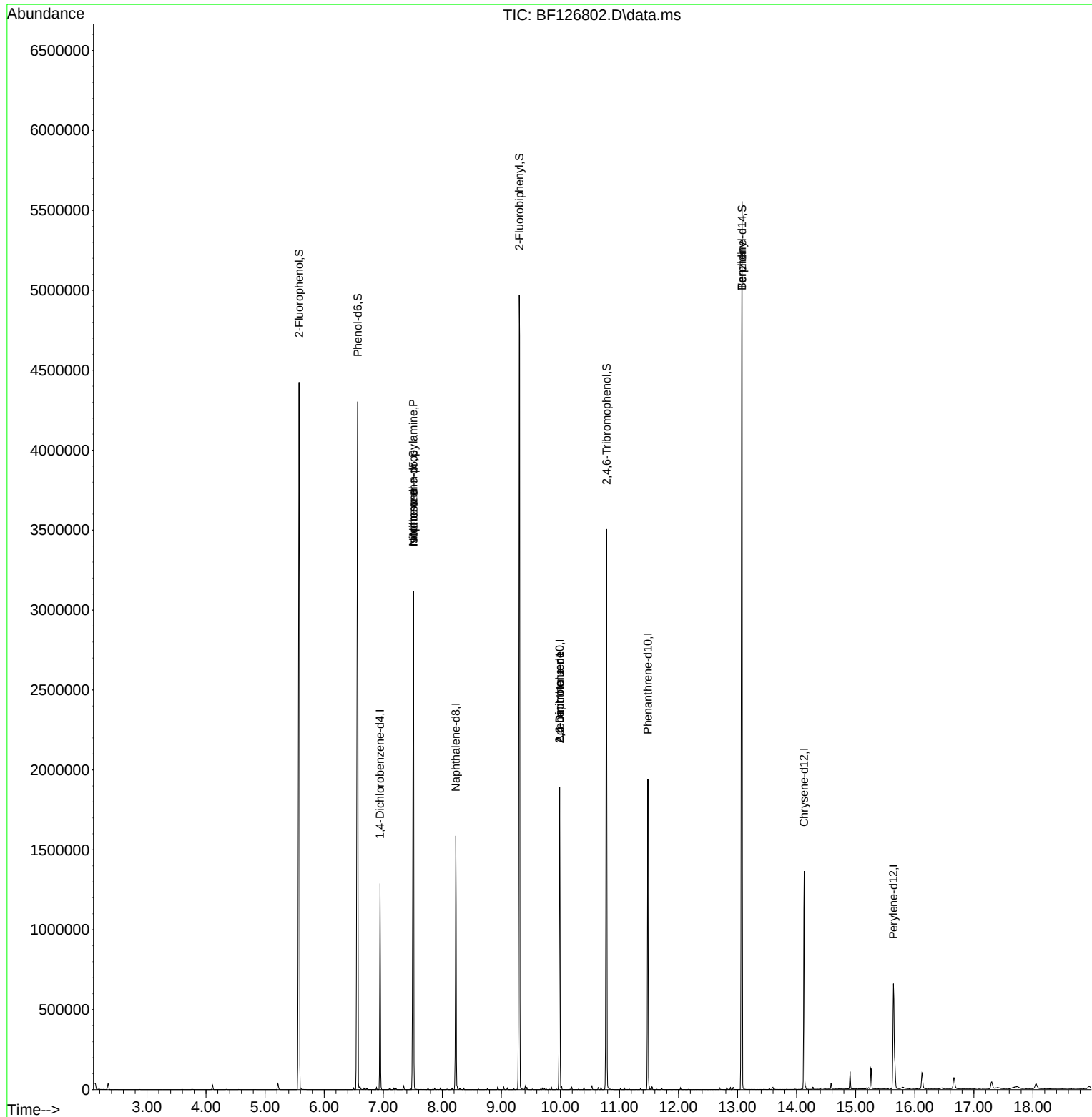
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.946	152	162251	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	643016	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	358851	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	600194	20.000	ng	0.00
76) Chrysene-d12	14.127	240	445983	20.000	ng	# 0.00
86) Perylene-d12	15.639	264	300770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1415920	119.527	ng	0.01
7) Phenol-d6	6.569	99	1897480	115.797	ng	0.00
23) Nitrobenzene-d5	7.510	82	1368327	79.640	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	433338	116.355	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1719066	79.322	ng	0.00
79) Terphenyl-d14	13.075	244	1994726	74.820	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.510	70	182209	16.887	ng	# 68
25) Isophorone	7.510	82	1362433	46.204	ng	# 69
51) 2,6-Dinitrotoluene	9.986	165	44494	8.732	ng	# 21
57) 2,4-Dinitrotoluene	9.986	165	44494	6.443	ng	# 15
77) Benzidine	13.075	184	24800	2.424	ng	97

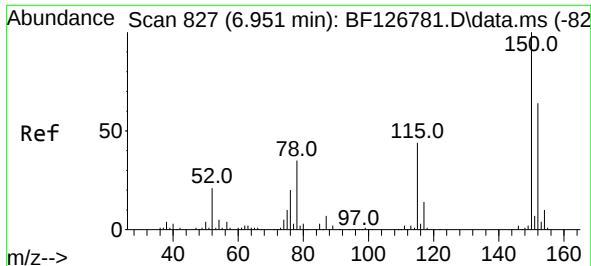
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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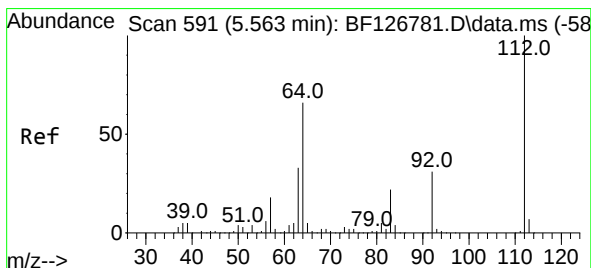
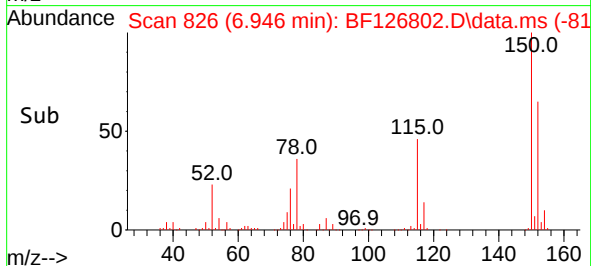
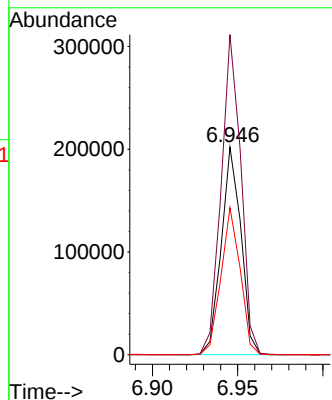
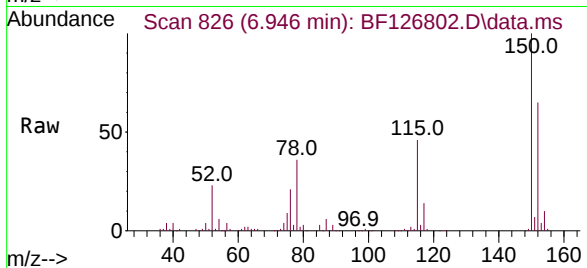




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.946 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF126802.D
Acq: 04 Feb 2022 09:50

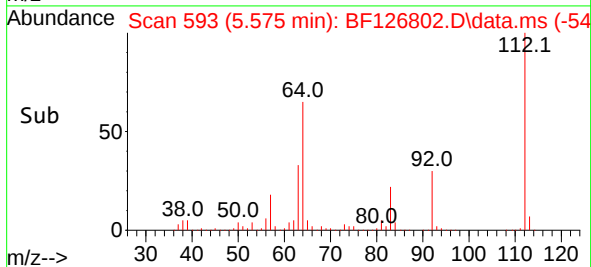
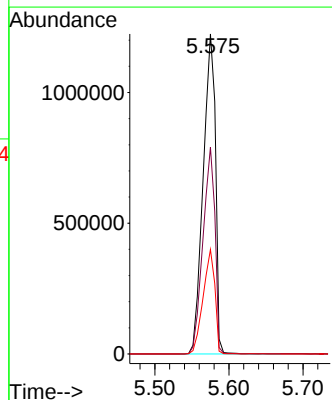
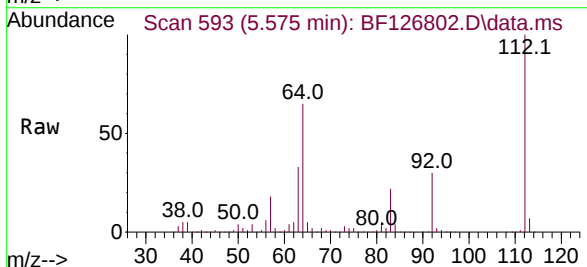
Instrument :
BNA_F
ClientSampleId :
PB142443BL

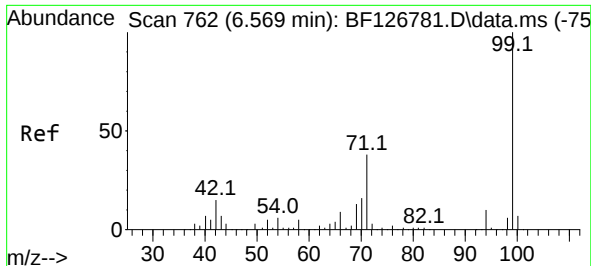
Tgt Ion:152 Resp: 162251
Ion Ratio Lower Upper
152 100
150 154.2 128.1 192.1
115 70.9 56.7 85.1



#5
2-Fluorophenol
Concen: 119.527 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.012 min
Lab File: BF126802.D
Acq: 04 Feb 2022 09:50

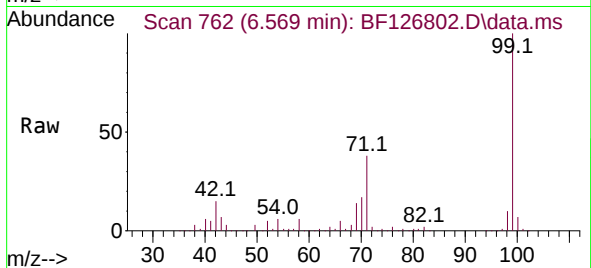
Tgt Ion:112 Resp: 1415920
Ion Ratio Lower Upper
112 100
64 64.6 49.5 74.3
63 32.6 23.9 35.9



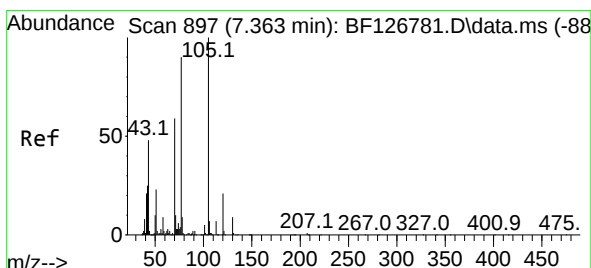
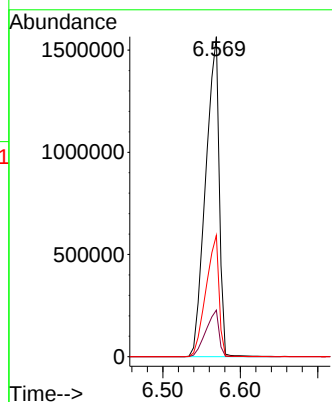
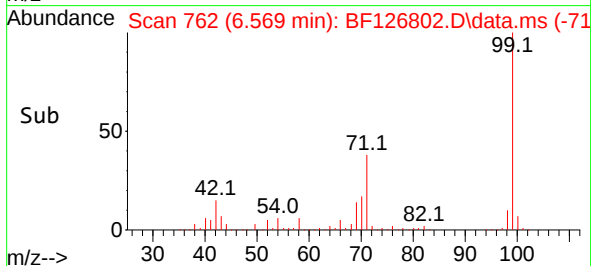


#7
Phenol-d6
Concen: 115.797 ng
RT: 6.569 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126802.D
Acq: 04 Feb 2022 09:50

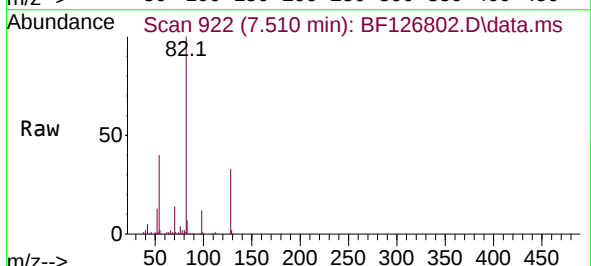
Instrument :
BNA_F
ClientSampleId :
PB142443BL



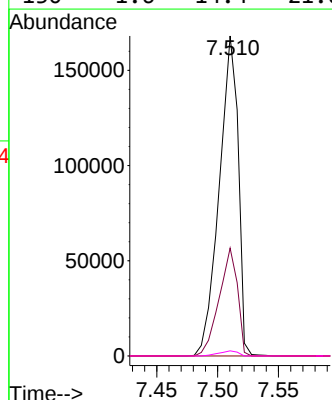
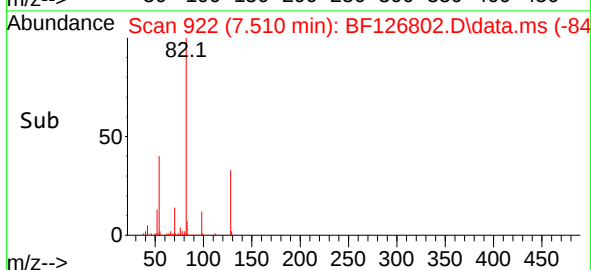
Tgt Ion: 99 Resp: 1897480
Ion Ratio Lower Upper
99 100
42 14.5 14.2 21.4
71 37.9 24.3 36.5#

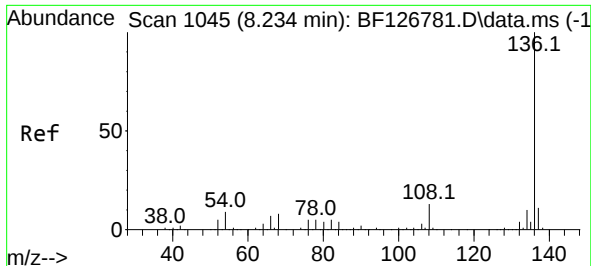


#19
n-Nitroso-di-n-propylamine
Concen: 16.887 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF126802.D
Acq: 04 Feb 2022 09:50



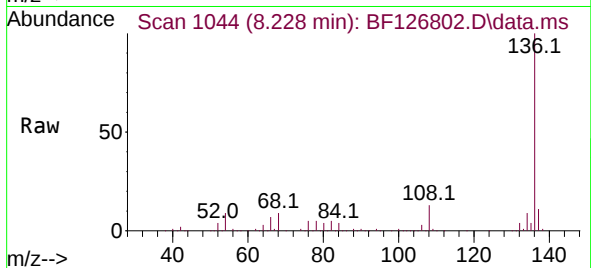
Tgt Ion: 70 Resp: 182209
Ion Ratio Lower Upper
70 100
42 33.7 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#



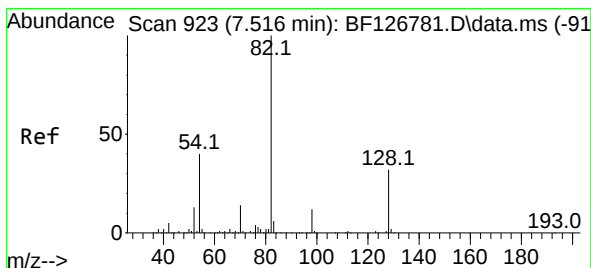
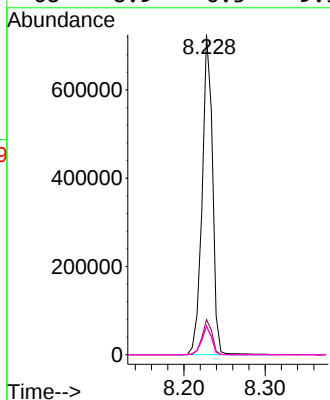
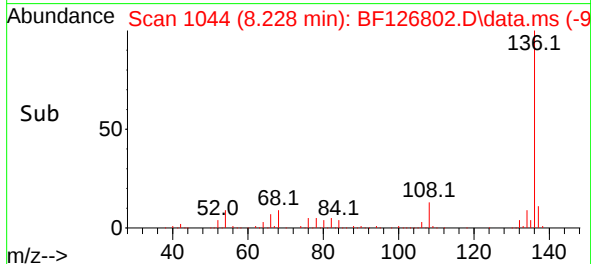


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF126802.D
Acq: 04 Feb 2022 09:50

Instrument :
BNA_F
ClientSampleId :
PB142443BL

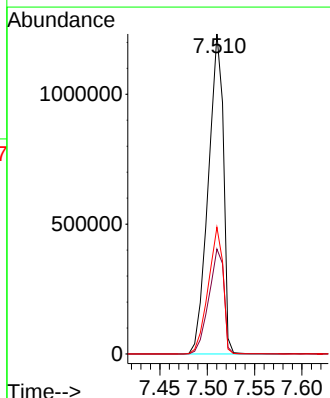
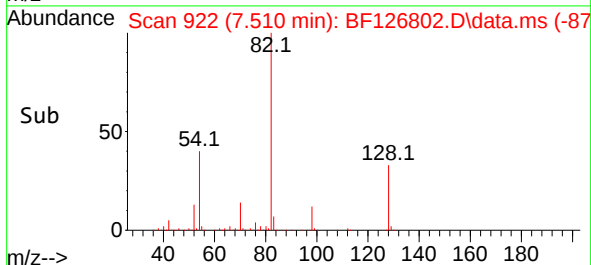
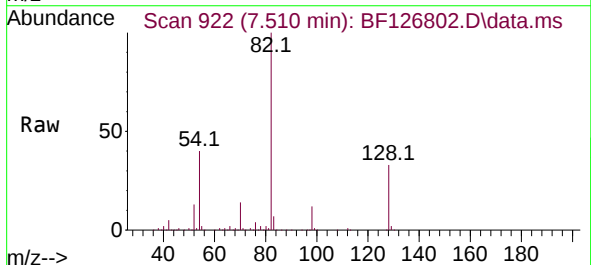


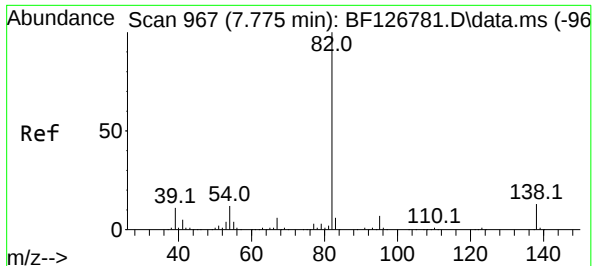
Tgt Ion:136 Resp: 643016
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.9 7.8 11.6
68 8.9 6.3 9.5



#23
Nitrobenzene-d5
Concen: 79.640 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF126802.D
Acq: 04 Feb 2022 09:50

Tgt Ion: 82 Resp: 1368327
Ion Ratio Lower Upper
82 100
128 32.8 32.7 49.1
54 39.6 41.7 62.5#

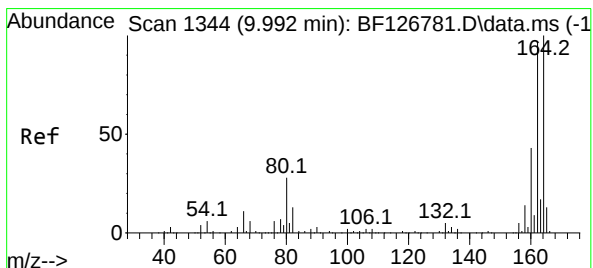
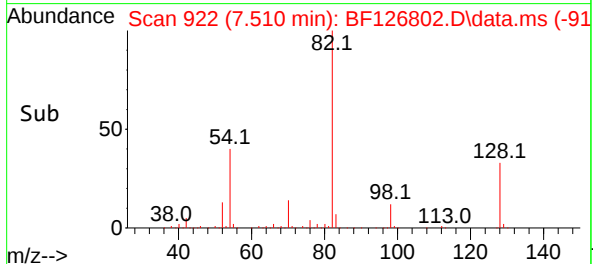
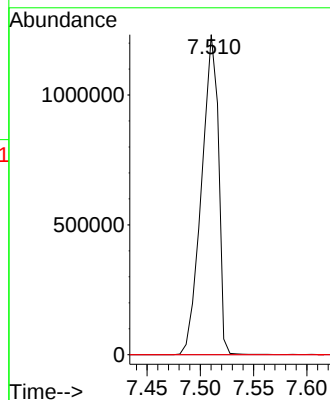
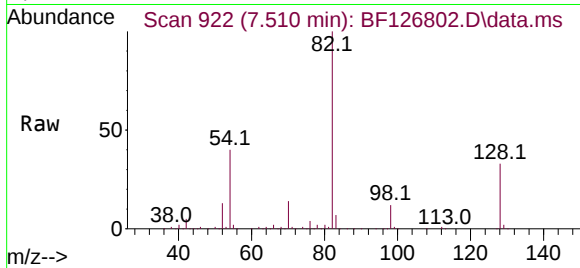




#25
Isophorone
Concen: 46.204 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF126802.D
Acq: 04 Feb 2022 09:50

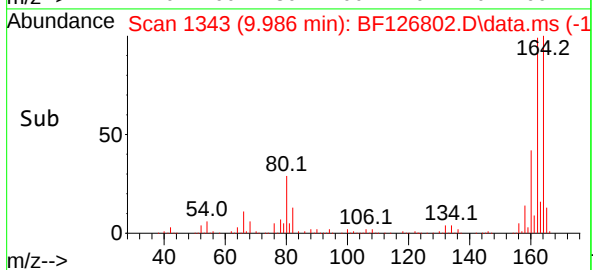
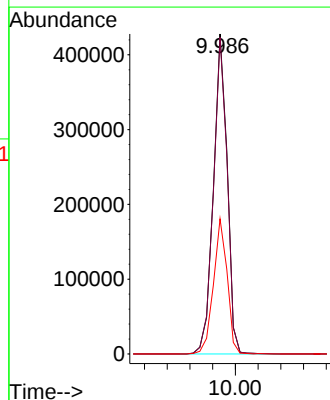
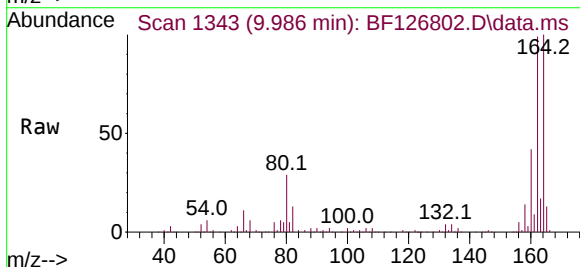
Instrument :
BNA_F
ClientSampleId :
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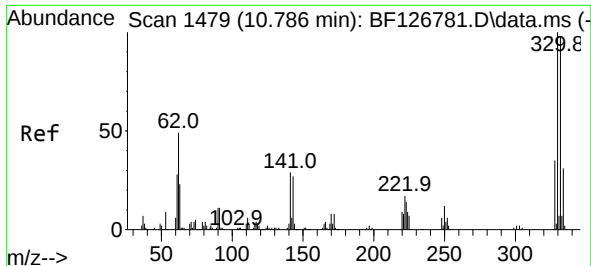
Tgt Ion: 82 Resp: 1362433
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF126802.D
Acq: 04 Feb 2022 09:50

Tgt Ion: 164 Resp: 358851
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.0
160 42.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 116.355 ng

RT: 10.781 min Scan# 1479

Delta R.T. -0.006 min

Lab File: BF126802.D

Acq: 04 Feb 2022 09:50

Instrument :

BNA_F

ClientSampleId :

PB142443BL

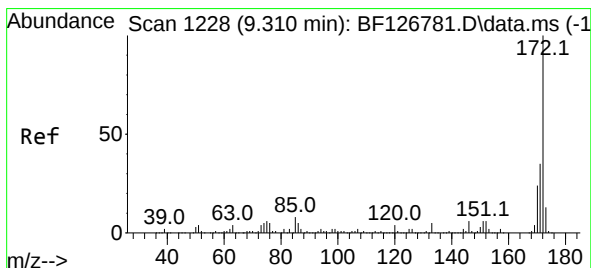
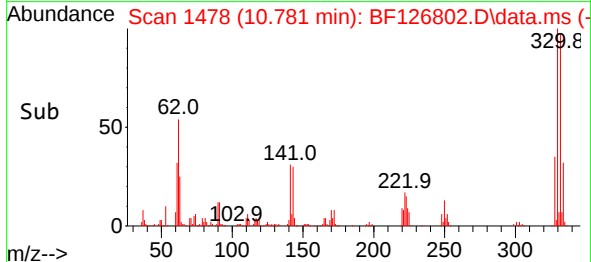
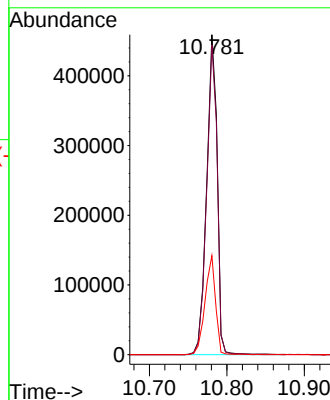
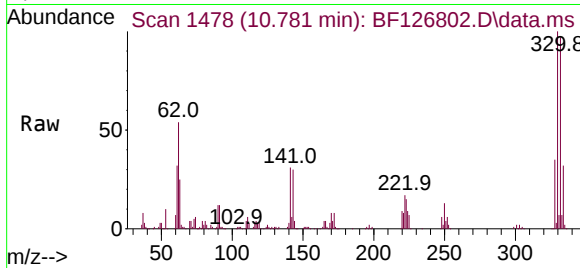
Tgt Ion:330 Resp: 433338

Ion Ratio Lower Upper

330 100

332 96.4 76.0 114.0

141 31.0 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 79.322 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF126802.D

Acq: 04 Feb 2022 09:50

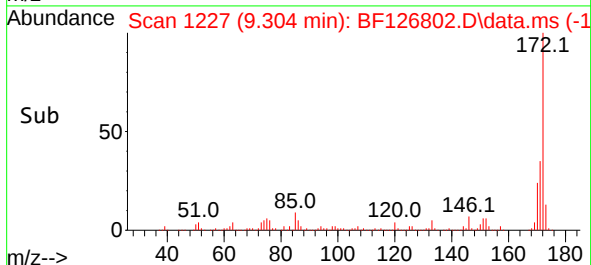
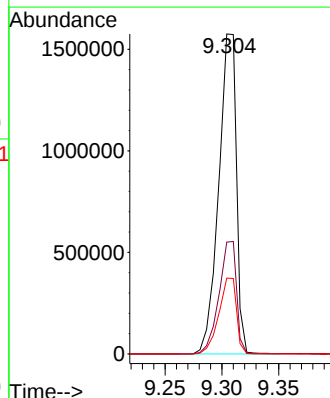
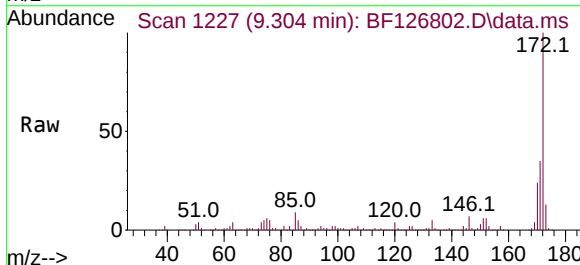
Tgt Ion:172 Resp: 1719066

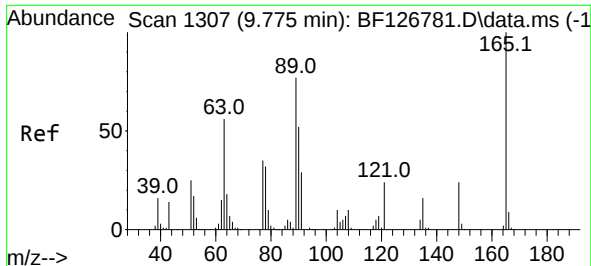
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.7 19.0 28.6

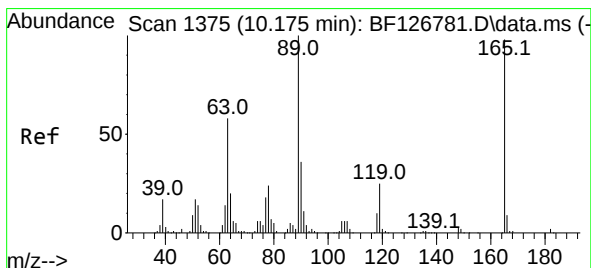
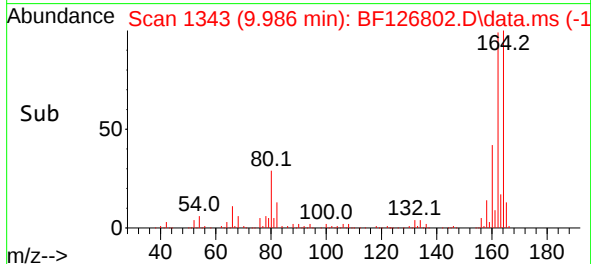
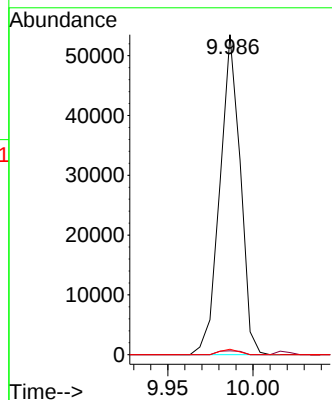
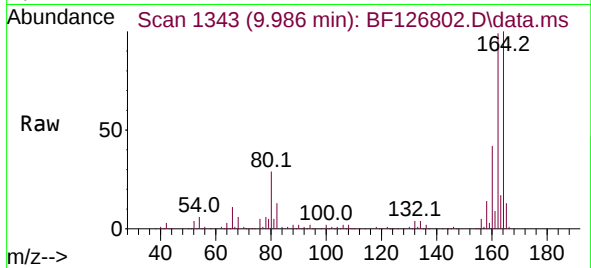




#51
2,6-Dinitrotoluene
Concen: 8.732 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126802.D
Acq: 04 Feb 2022 09:50

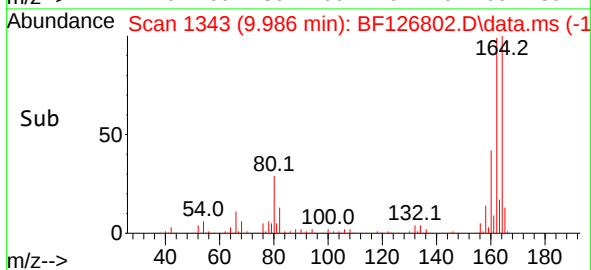
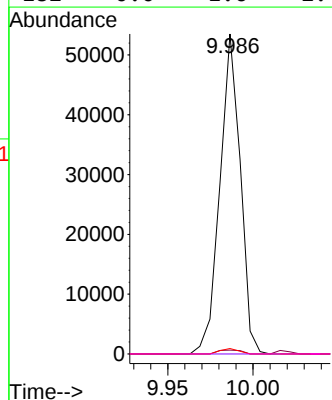
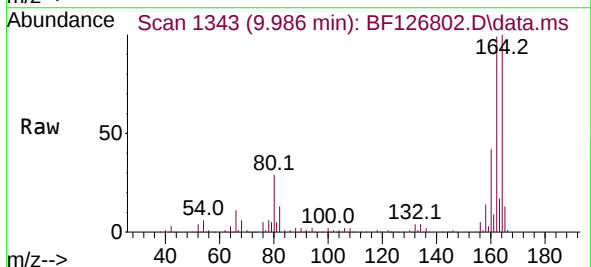
Instrument :
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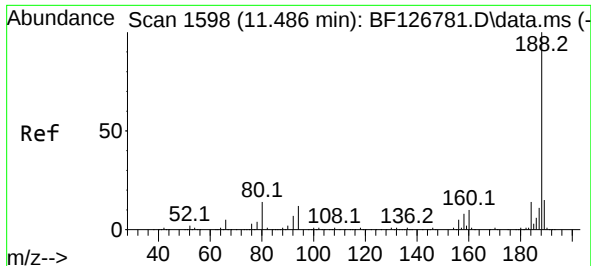
Tgt Ion:165 Resp: 44494
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.7 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.443 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.188 min
Lab File: BF126802.D
Acq: 04 Feb 2022 09:50

Tgt Ion:165 Resp: 44494
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.7 71.0 106.4#
182 0.0 1.6 2.4#

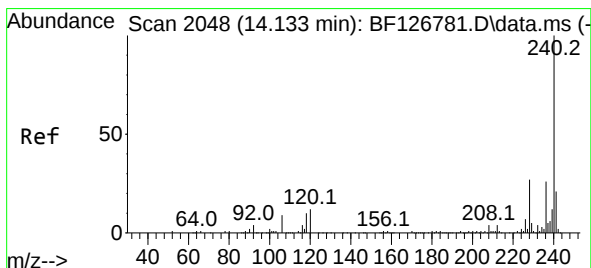
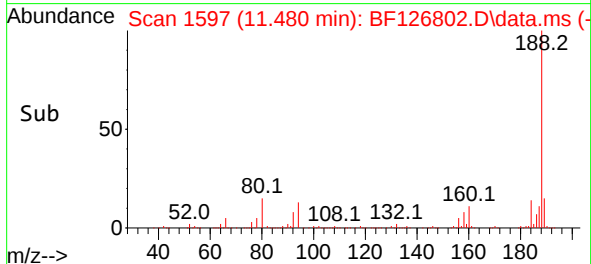
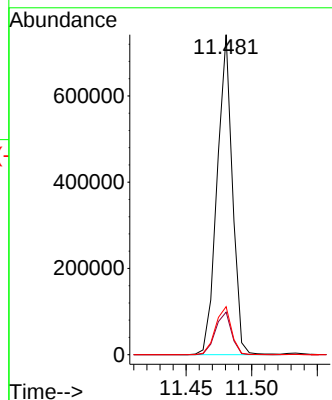
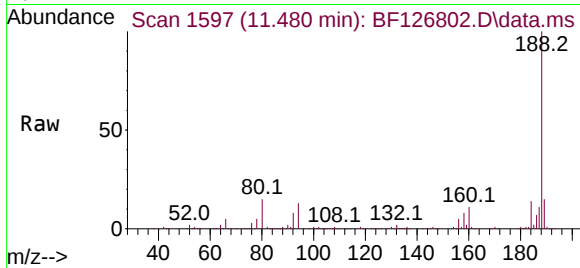




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126802.D
Acq: 04 Feb 2022 09:50

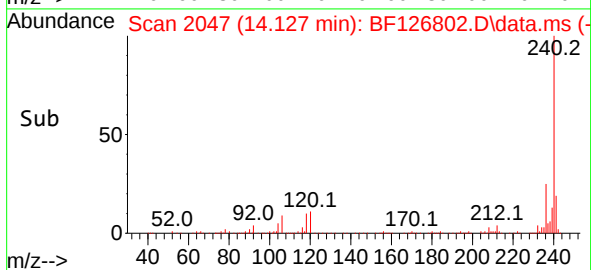
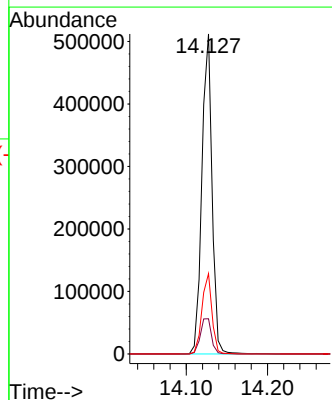
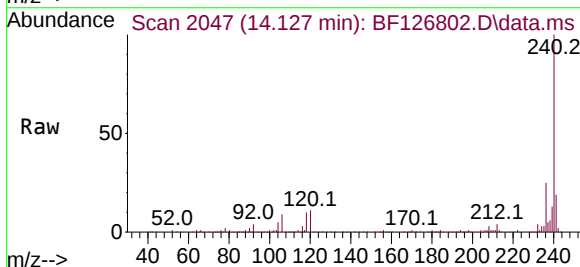
Instrument :
BNA_F
ClientSampleId :
PB142443BL

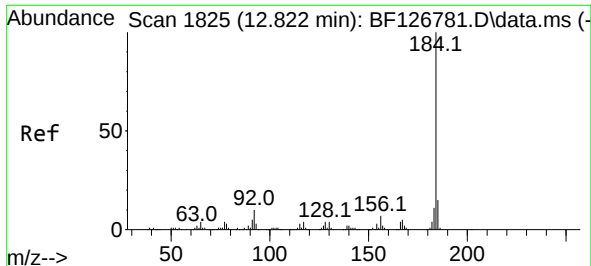
Tgt Ion:188 Resp: 600194
Ion Ratio Lower Upper
188 100
94 13.3 10.1 15.1
80 15.0 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF126802.D
Acq: 04 Feb 2022 09:50

Tgt Ion:240 Resp: 445983
Ion Ratio Lower Upper
240 100
120 11.0 14.4 21.6#
236 25.1 20.5 30.7

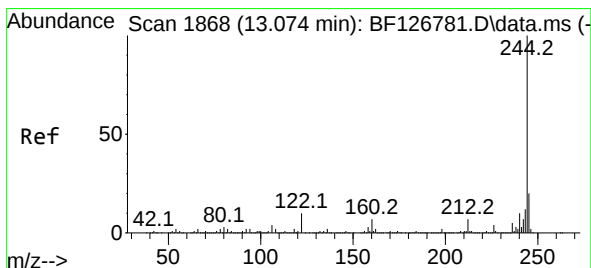
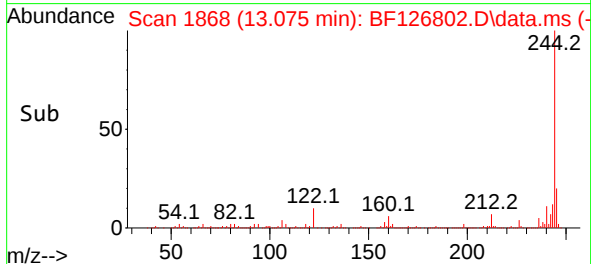
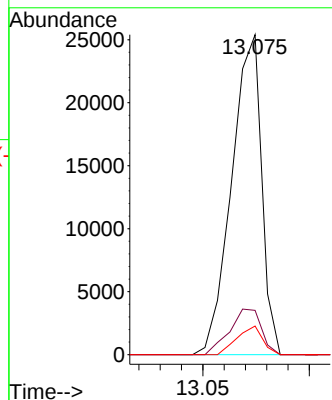
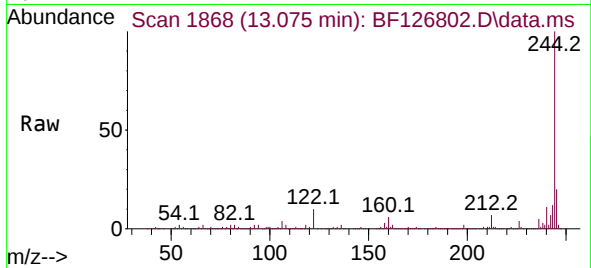




#77
Benzidine
Concen: 2.424 ng
RT: 13.075 min Scan# 1868
Delta R.T. 0.253 min
Lab File: BF126802.D
Acq: 04 Feb 2022 09:50

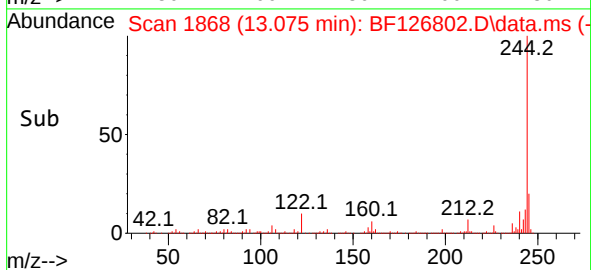
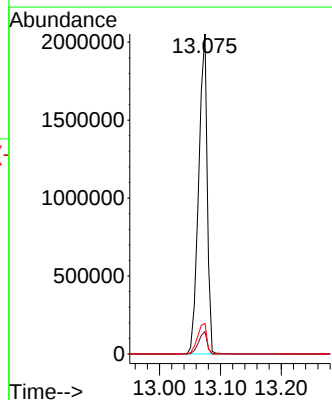
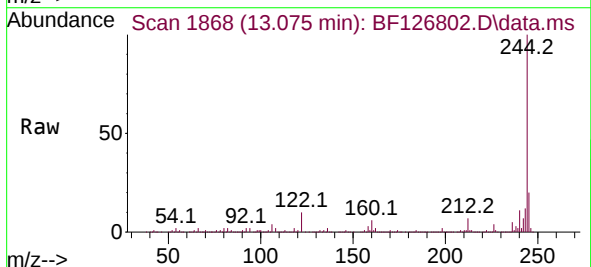
Instrument :
BNA_F
ClientSampleId :
PB142443BL

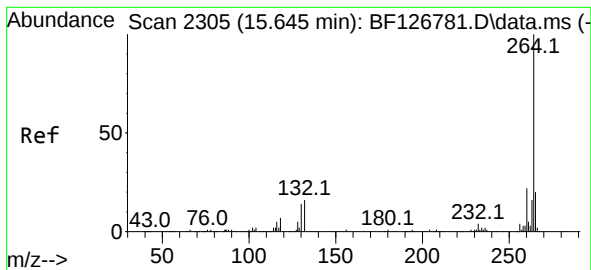
Tgt Ion:184 Resp: 24800
Ion Ratio Lower Upper
184 100
185 13.9 11.8 17.8
183 9.0 8.2 12.2



#79
Terphenyl-d14
Concen: 74.820 ng
RT: 13.075 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BF126802.D
Acq: 04 Feb 2022 09:50

Tgt Ion:244 Resp: 1994726
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 9.5 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126802.D
Acq: 04 Feb 2022 09:50

Instrument :
BNA_F
ClientSampleId :
PB142443BL

Tgt Ion:264 Resp: 300770

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	20.9	17.4	26.2

