

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126944.D
 Acq On : 18 Feb 2022 10:49
 Operator : CG\JU
 Sample : PB142765BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142765BL

Quant Time: Feb 18 16:14:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

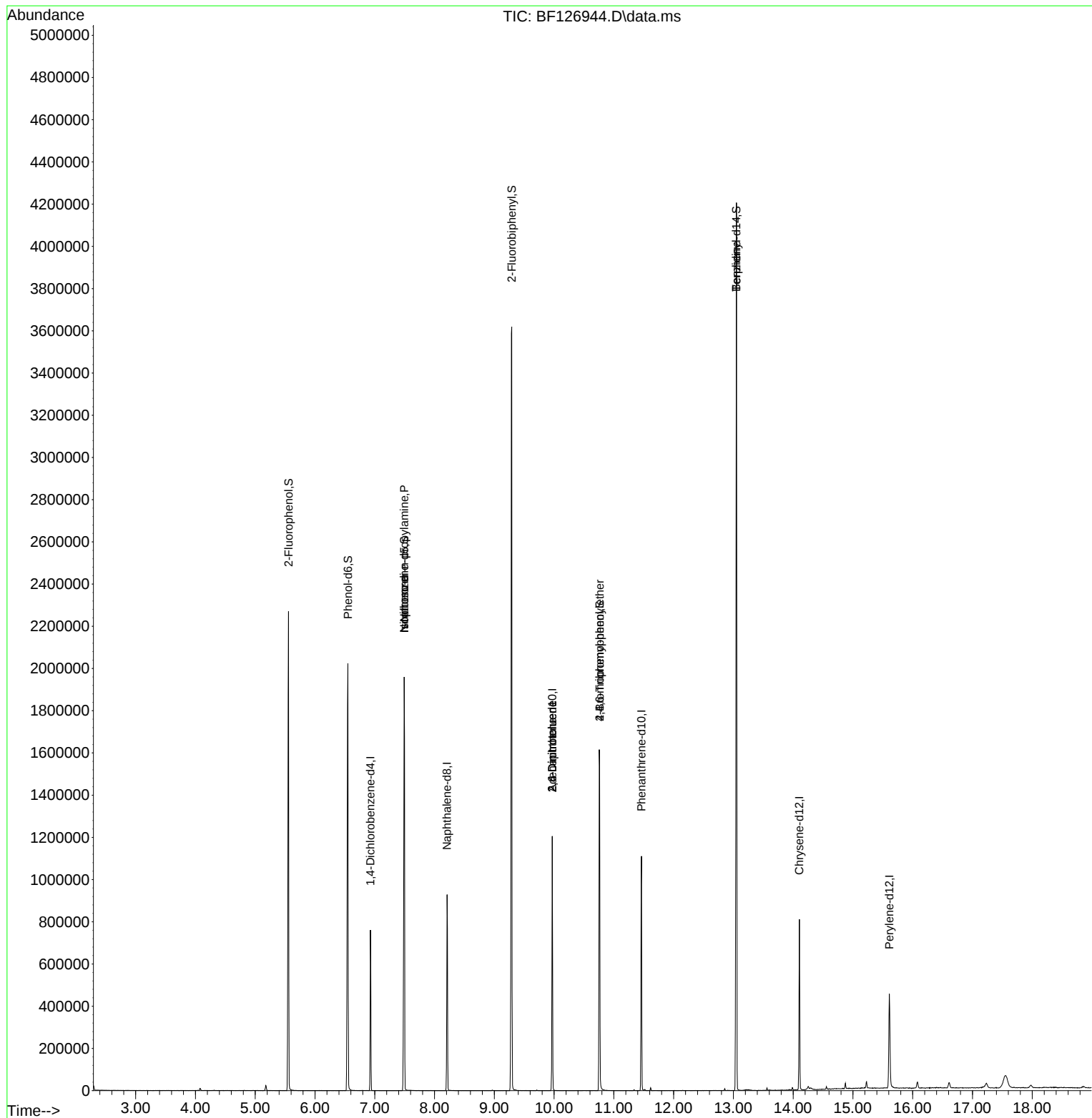
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	97905	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	402255	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	207905	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	379724	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	244591	20.000	ng	# 0.00
86) Perylene-d12	15.609	264	189366	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	539084	85.102	ng	0.01
7) Phenol-d6	6.551	99	706312	82.633	ng	0.00
23) Nitrobenzene-d5	7.492	82	721557	80.966	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	193028	80.639	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1159376	82.094	ng	0.00
79) Terphenyl-d14	13.051	244	1400406	84.167	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	99117	17.996	ng	# 81
25) Isophorone	7.492	82	719255	48.774	ng	# 69
51) 2,6-Dinitrotoluene	9.969	165	26716	8.836	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	26716	6.535	ng	# 16
67) 4-Bromophenyl-phenylether	10.763	248	11851	2.793	ng	# 1
77) Benzidine	13.051	184	20038	3.015	ng	# 89

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

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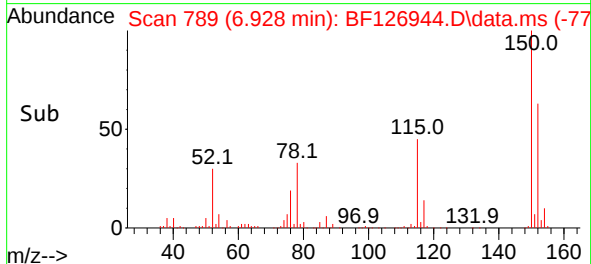
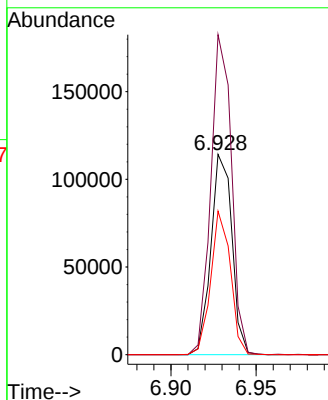
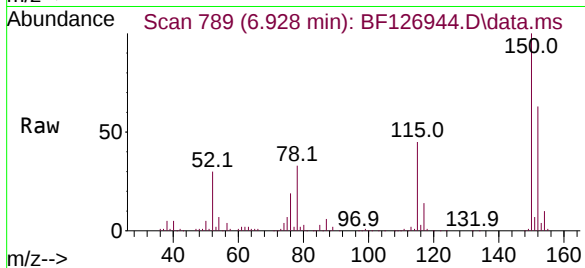




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126944.D
Acq: 18 Feb 2022 10:49

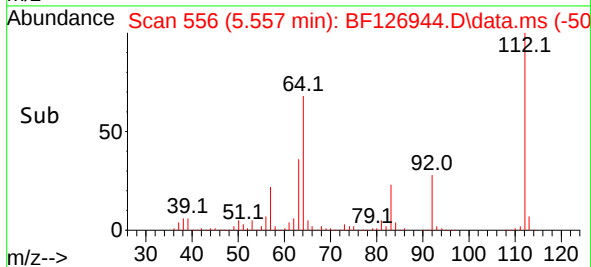
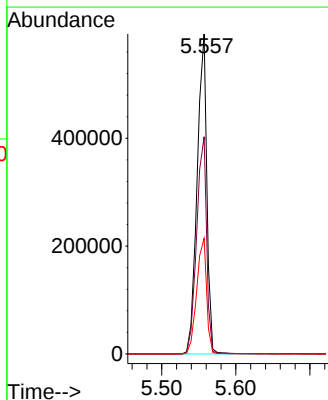
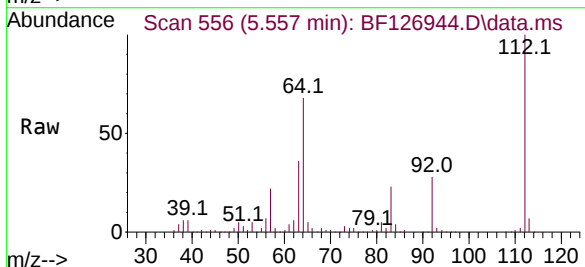
Instrument :
BNA_F
ClientSampleId :
PB142765BL

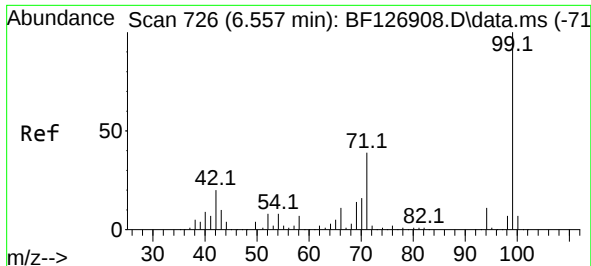
Tgt Ion:152 Resp: 97905
Ion Ratio Lower Upper
152 100
150 159.8 128.1 192.1
115 71.7 56.7 85.1



#5
2-Fluorophenol
Concen: 85.102 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.012 min
Lab File: BF126944.D
Acq: 18 Feb 2022 10:49

Tgt Ion:112 Resp: 539084
Ion Ratio Lower Upper
112 100
64 67.9 49.5 74.3
63 36.1 23.9 35.9#

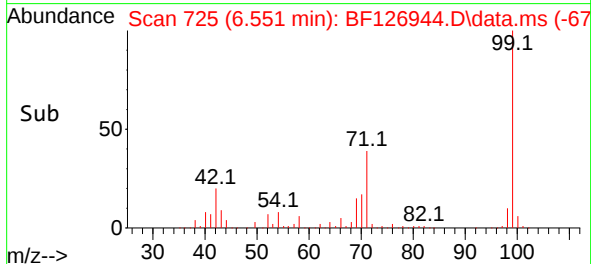
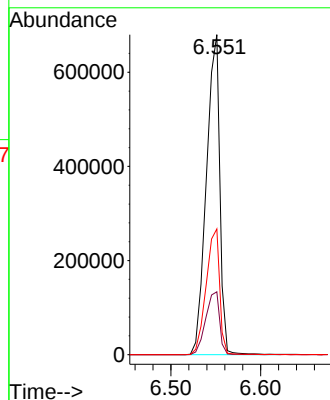
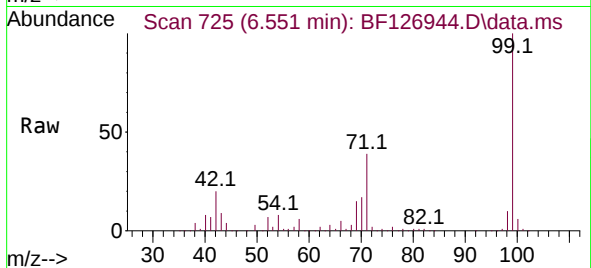




#7
Phenol-d6
Concen: 82.633 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126944.D
Acq: 18 Feb 2022 10:49

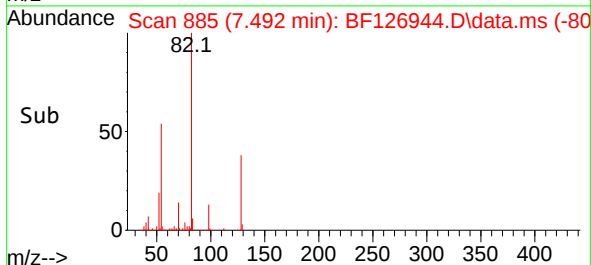
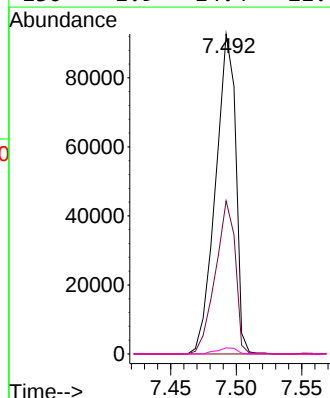
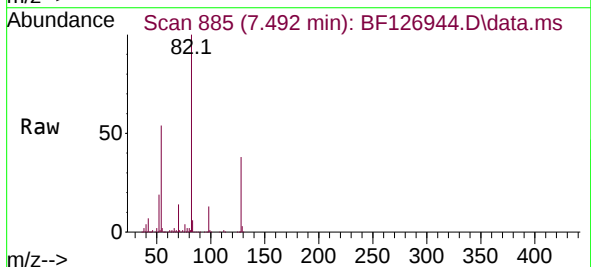
Instrument :
BNA_F
ClientSampleId :
PB142765BL

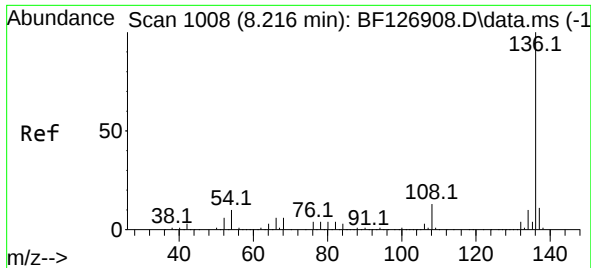
Tgt Ion: 99 Resp: 706312
Ion Ratio Lower Upper
99 100
42 19.6 14.2 21.4
71 39.3 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.996 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF126944.D
Acq: 18 Feb 2022 10:49

Tgt Ion: 70 Resp: 99117
Ion Ratio Lower Upper
70 100
42 47.8 45.8 68.8
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#

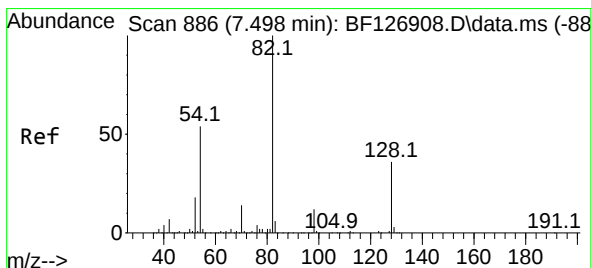
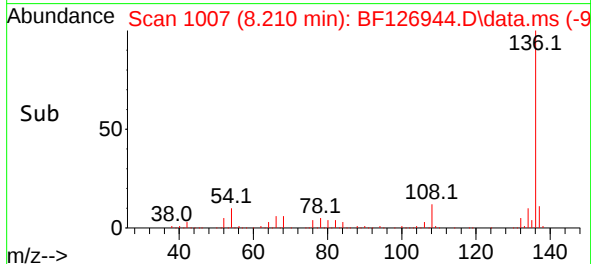
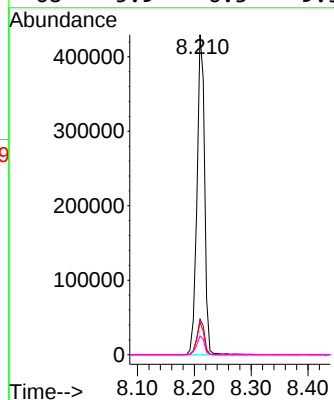
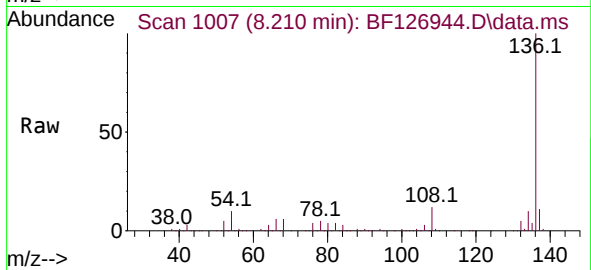




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF126944.D
Acq: 18 Feb 2022 10:49

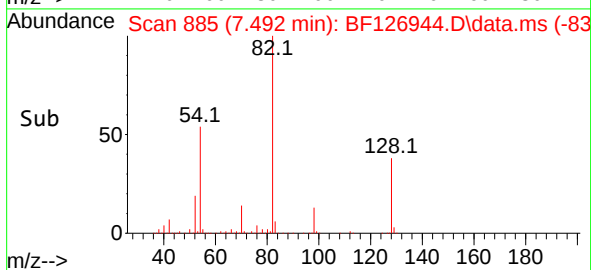
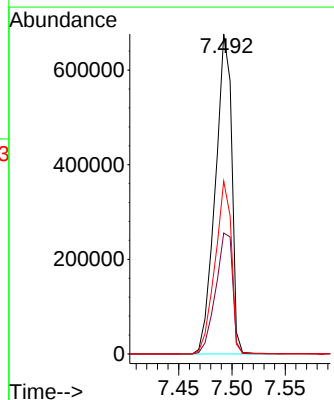
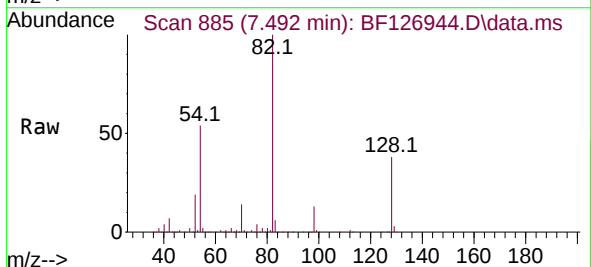
Instrument :
BNA_F
ClientSampleId :
PB142765BL

Tgt Ion:136 Resp: 402255
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.1 7.8 11.6
68 5.9 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 80.966 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF126944.D
Acq: 18 Feb 2022 10:49

Tgt Ion: 82 Resp: 721557
Ion Ratio Lower Upper
82 100
128 37.8 32.7 49.1
54 54.0 41.7 62.5

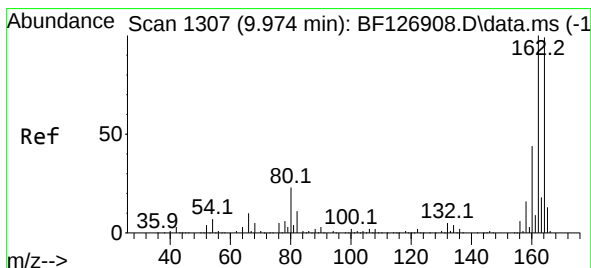
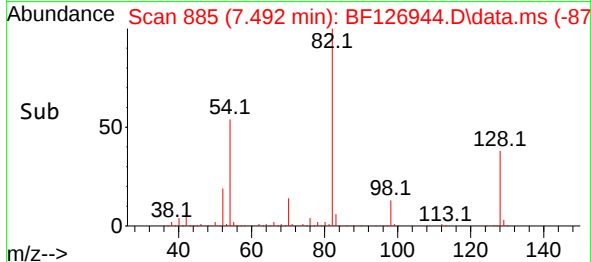
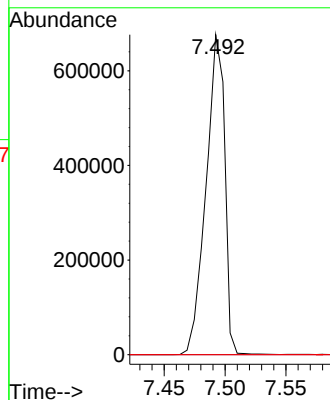
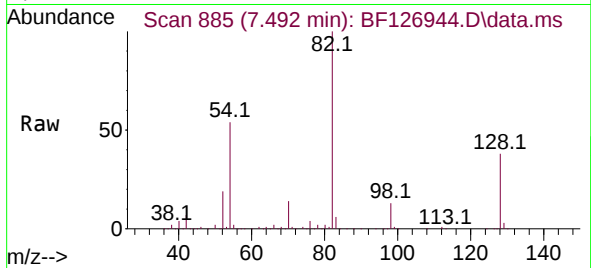




#25
Isophorone
Concen: 48.774 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF126944.D
Acq: 18 Feb 2022 10:49

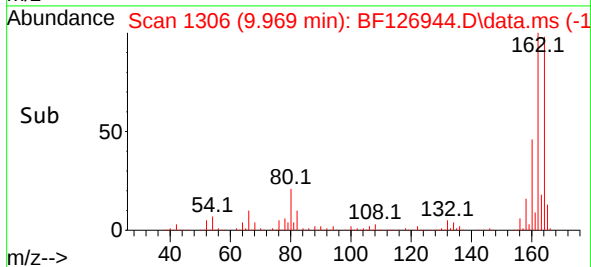
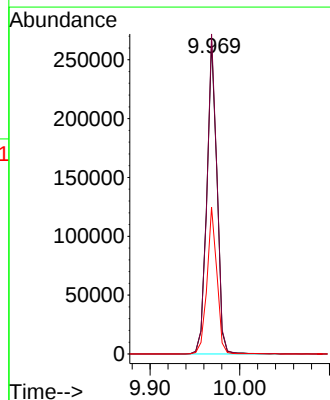
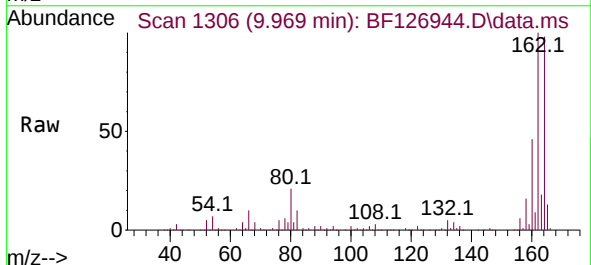
Instrument :
BNA_F
ClientSampleId :
PB142765BL

Tgt Ion: 82 Resp: 719255
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: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF126944.D
Acq: 18 Feb 2022 10:49

Tgt Ion:164 Resp: 207905
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.0
160 47.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 80.639 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF126944.D

Acq: 18 Feb 2022 10:49

Instrument :

BNA_F

ClientSampleId :

PB142765BL

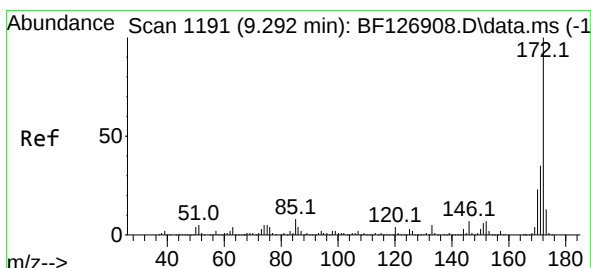
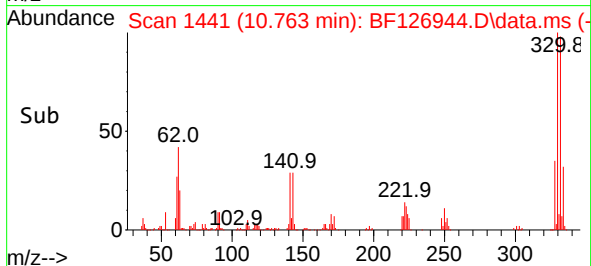
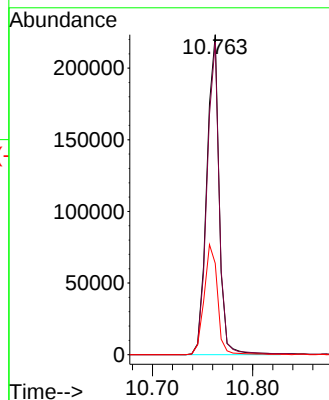
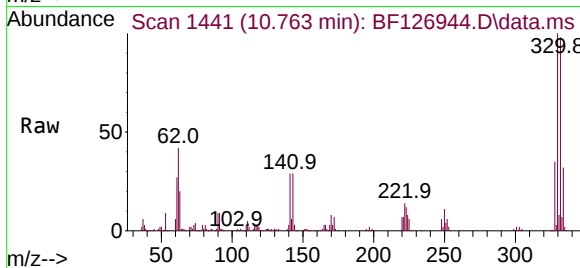
Tgt Ion:330 Resp: 193028

Ion Ratio Lower Upper

330 100

332 97.8 76.0 114.0

141 37.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 82.094 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF126944.D

Acq: 18 Feb 2022 10:49

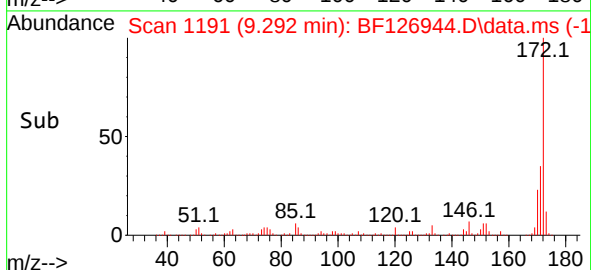
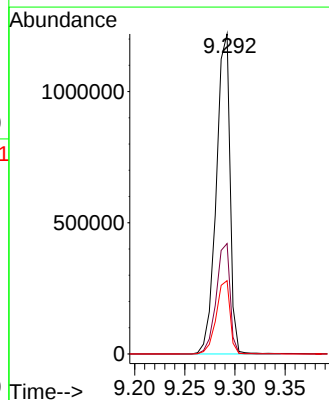
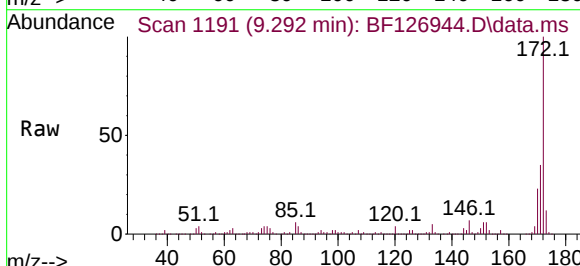
Tgt Ion:172 Resp: 1159376

Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 22.9 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.836 ng

RT: 9.969 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF126944.D

Acq: 18 Feb 2022 10:49

Instrument :

BNA_F

ClientSampleId :

PB142765BL

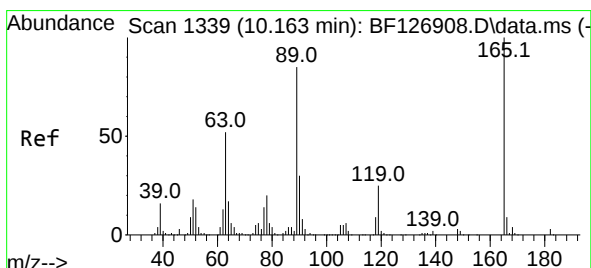
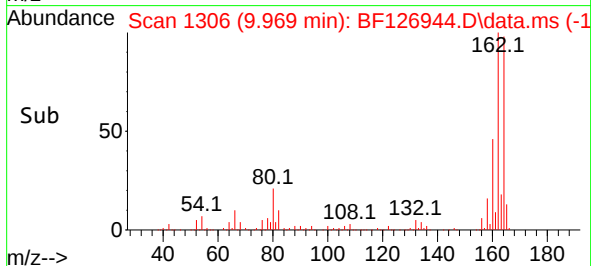
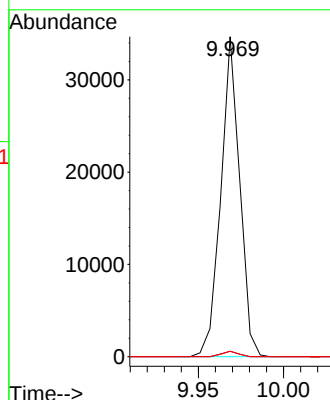
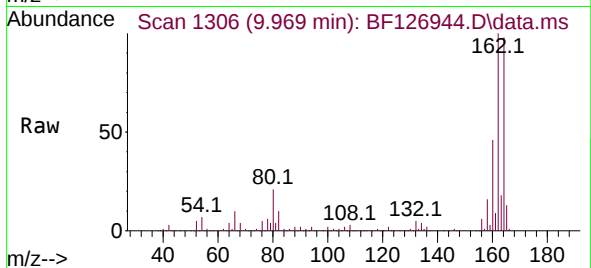
Tgt Ion:165 Resp: 26716

Ion Ratio Lower Upper

165 100

63 1.7 48.4 72.6#

89 1.7 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.535 ng

RT: 9.969 min Scan# 1306

Delta R.T. -0.194 min

Lab File: BF126944.D

Acq: 18 Feb 2022 10:49

Tgt Ion:165 Resp: 26716

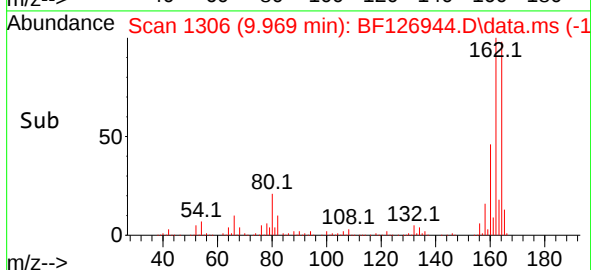
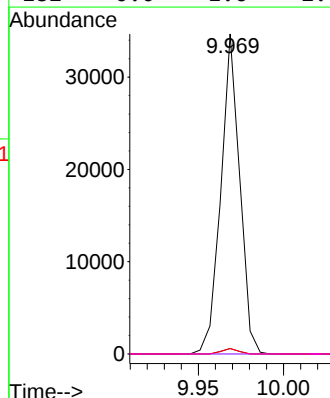
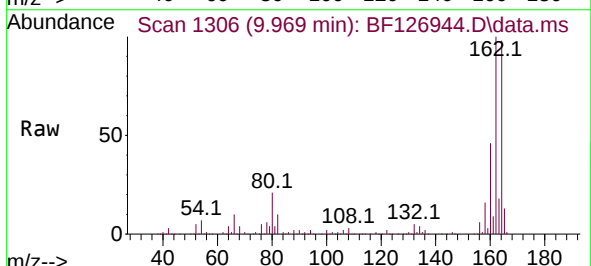
Ion Ratio Lower Upper

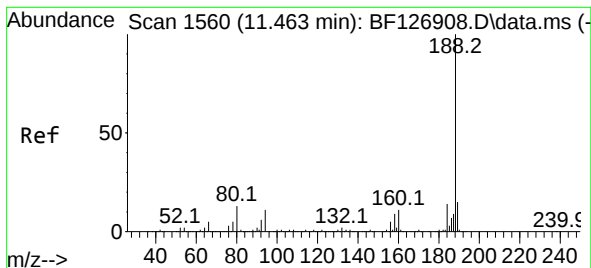
165 100

63 1.7 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: 11.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126944.D

Acq: 18 Feb 2022 10:49

Instrument :

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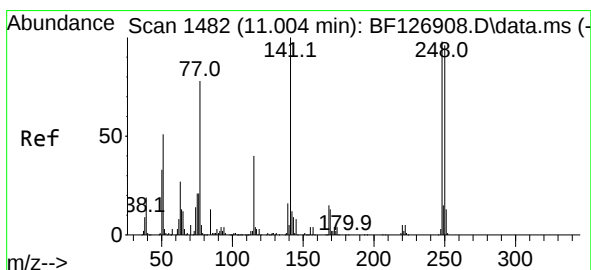
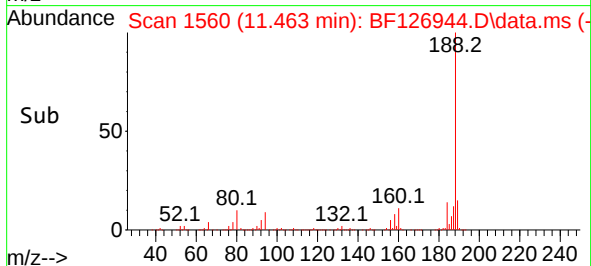
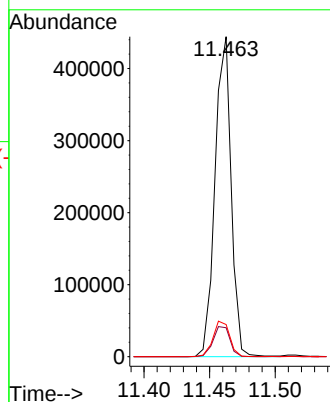
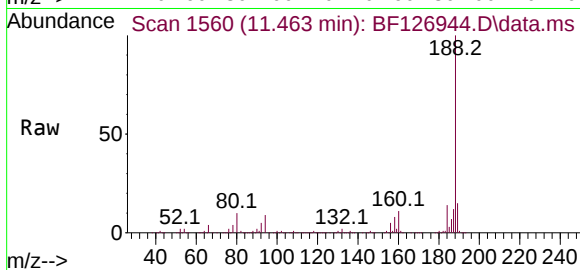
Tgt Ion:188 Resp: 379724

Ion Ratio Lower Upper

188 100

94 9.0 10.1 15.1#

80 10.1 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 2.793 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.241 min

Lab File: BF126944.D

Acq: 18 Feb 2022 10:49

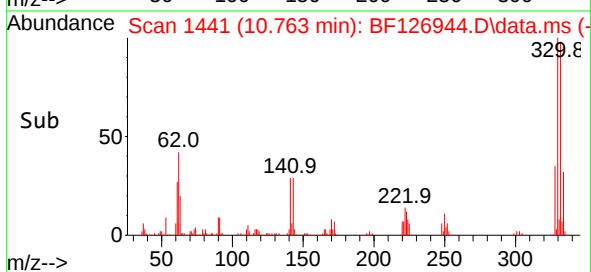
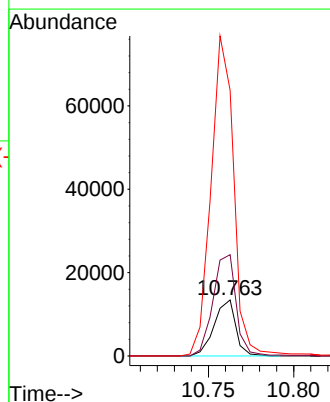
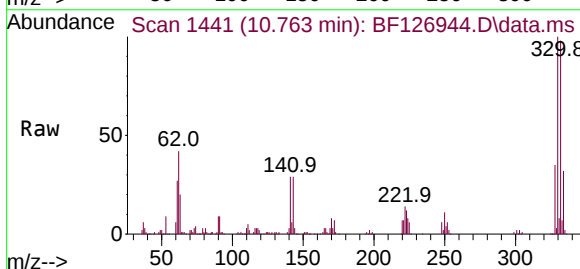
Tgt Ion:248 Resp: 11851

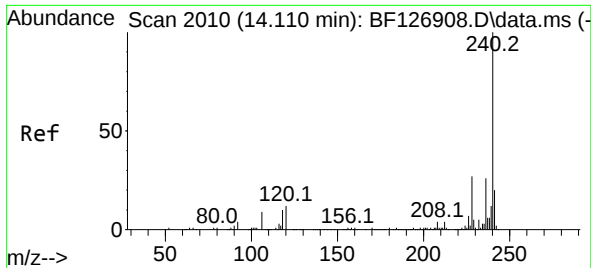
Ion Ratio Lower Upper

248 100

250 180.7 76.2 114.4#

141 474.0 66.2 99.4#

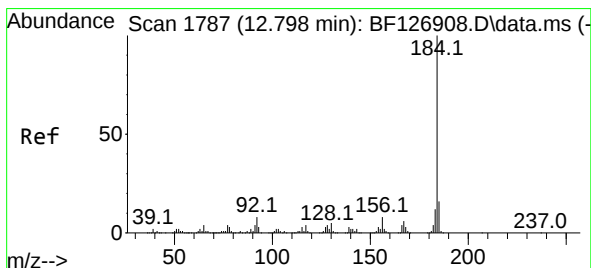
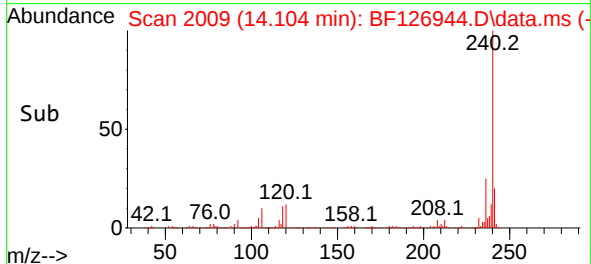
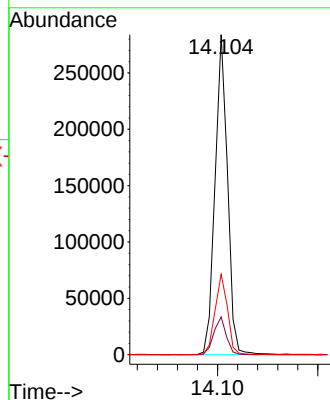
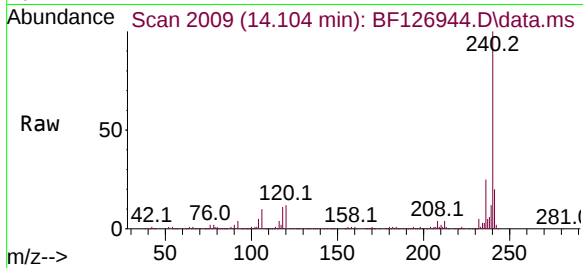




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126944.D
Acq: 18 Feb 2022 10:49

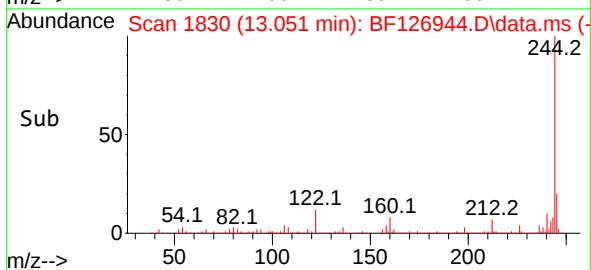
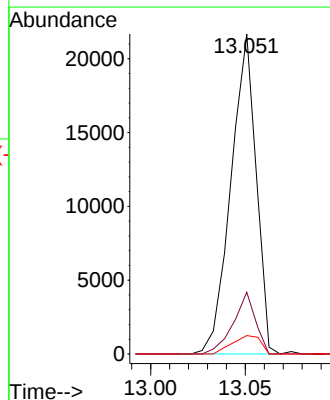
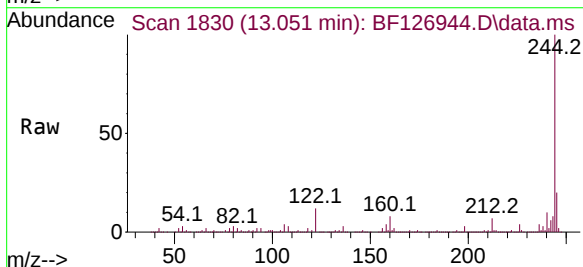
Instrument :
BNA_F
ClientSampleId :
PB142765BL

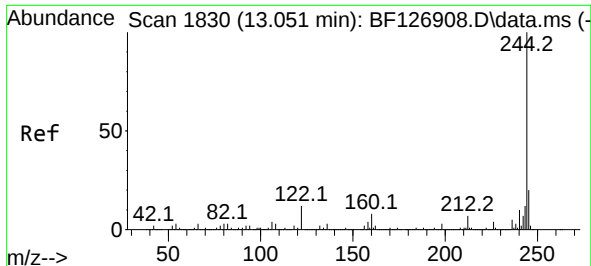
Tgt Ion:240 Resp: 244591
Ion Ratio Lower Upper
240 100
120 11.8 14.4 21.6#
236 25.1 20.5 30.7



#77
Benzidine
Concen: 3.015 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.253 min
Lab File: BF126944.D
Acq: 18 Feb 2022 10:49

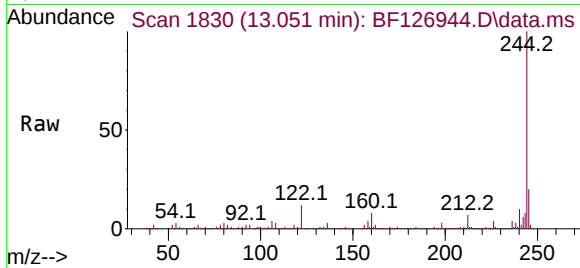
Tgt Ion:184 Resp: 20038
Ion Ratio Lower Upper
184 100
185 19.3 11.8 17.8#
183 5.8 8.2 12.2#



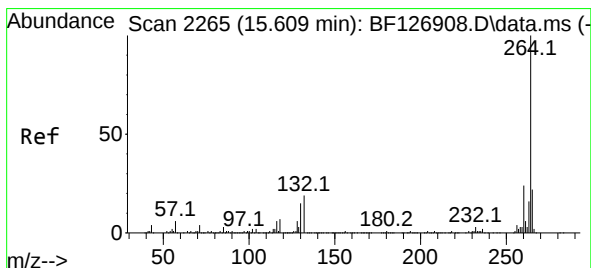
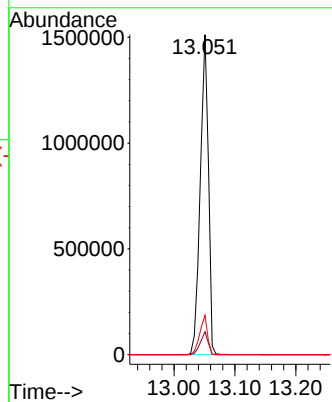
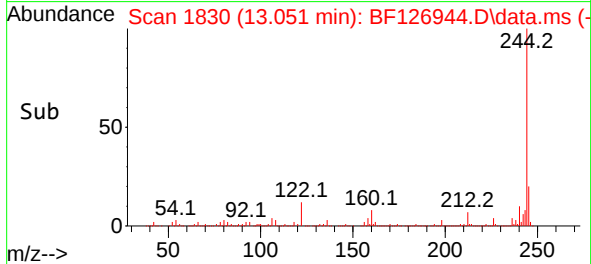


#79
 Terphenyl-d14
 Concen: 84.167 ng
 RT: 13.051 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: BF126944.D
 Acq: 18 Feb 2022 10:49

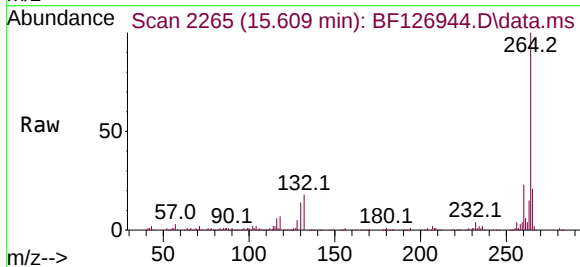
Instrument :
 BNA_F
 ClientSampleId :
 PB142765BL



Tgt Ion:244 Resp: 1400406
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 12.3 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.609 min Scan# 2265
 Delta R.T. -0.000 min
 Lab File: BF126944.D
 Acq: 18 Feb 2022 10:49



Tgt Ion:264 Resp: 189366
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.0 17.4 26.2

