

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126947.D
 Acq On : 18 Feb 2022 12:15
 Operator : CG\JU
 Sample : PB142738BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142738BL

Quant Time: Feb 18 16:16:16 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)

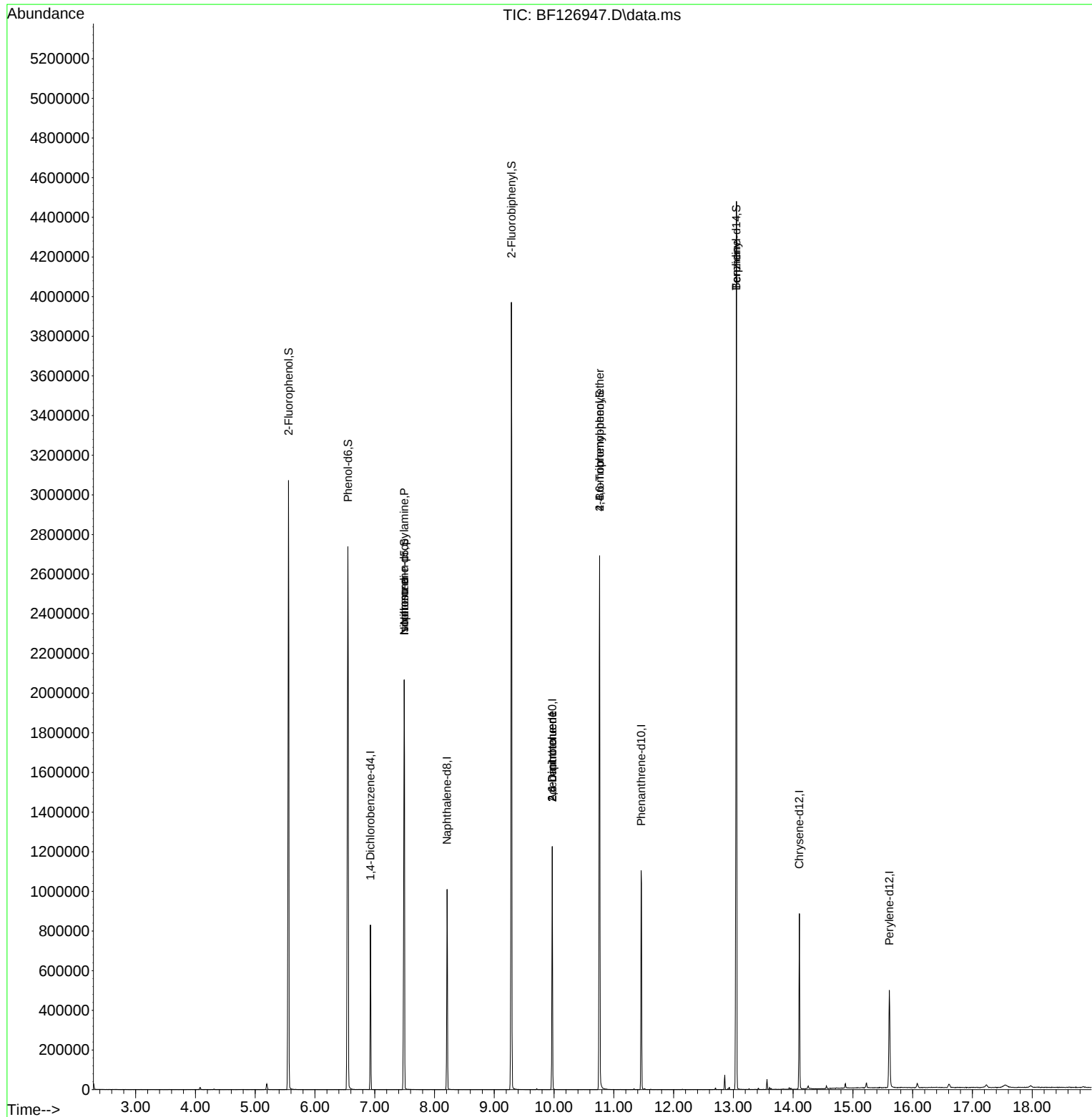
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	102416	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	421524	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	214298	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	394167	20.000	ng	0.00
76) Chrysene-d12	14.104	240	270237	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	214268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	818742	123.557	ng	0.01
7) Phenol-d6	6.551	99	1076671	120.415	ng	0.00
23) Nitrobenzene-d5	7.492	82	766326	82.059	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	312091	126.488	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1213777	83.382	ng	0.00
79) Terphenyl-d14	13.051	244	1478878	80.448	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	105276	18.272	ng	# 79
25) Isophorone	7.492	82	763371	49.399	ng	# 69
51) 2,6-Dinitrotoluene	9.969	165	28099	9.016	ng	# 21
57) 2,4-Dinitrotoluene	9.969	165	28099	6.668	ng	# 15
67) 4-Bromophenyl-phenylether	10.763	248	18479	4.196	ng	# 1
77) Benzidine	13.051	184	21639	2.947	ng	# 95

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

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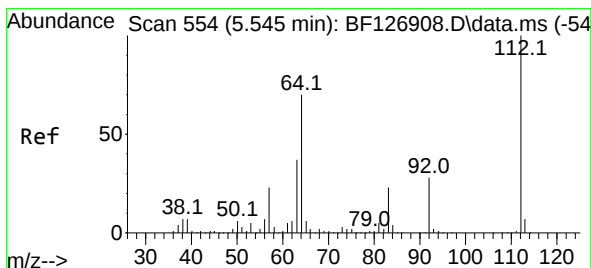
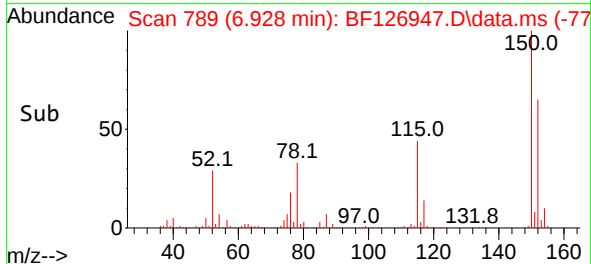
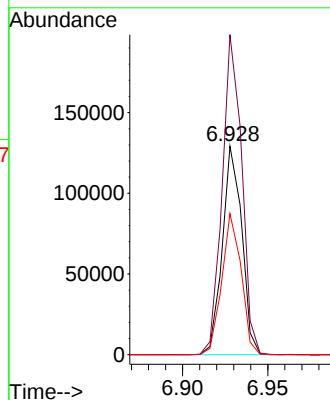
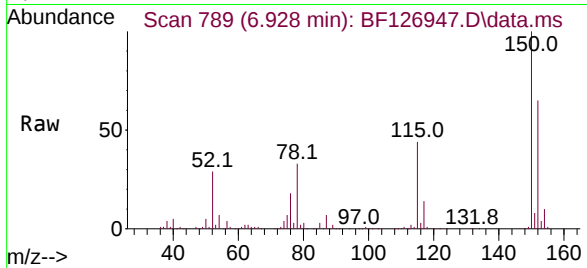




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126947.D
Acq: 18 Feb 2022 12:15

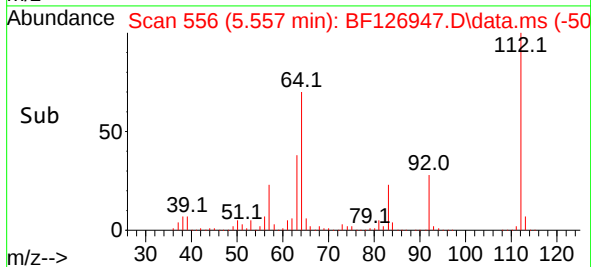
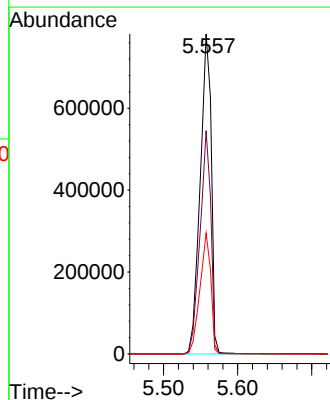
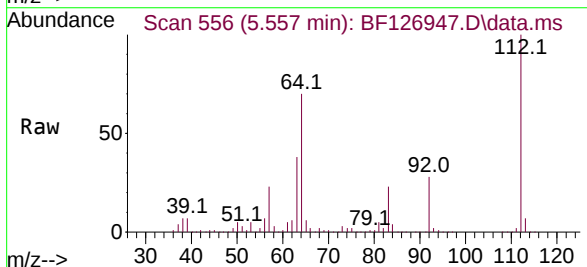
Instrument :
BNA_F
ClientSampleId :
PB142738BL

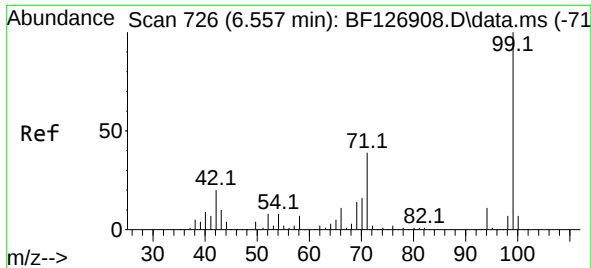
Tgt Ion:152 Resp: 102416
Ion Ratio Lower Upper
152 100
150 153.5 128.1 192.1
115 67.7 56.7 85.1



#5
2-Fluorophenol
Concen: 123.557 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.012 min
Lab File: BF126947.D
Acq: 18 Feb 2022 12:15

Tgt Ion:112 Resp: 818742
Ion Ratio Lower Upper
112 100
64 69.8 49.5 74.3
63 37.8 23.9 35.9#

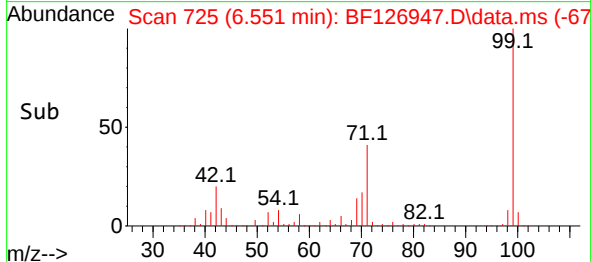
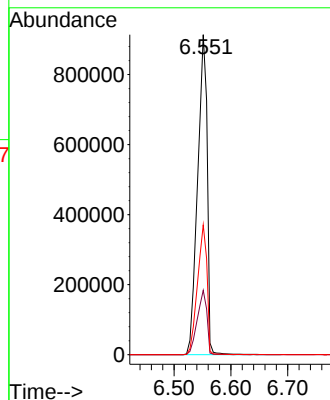
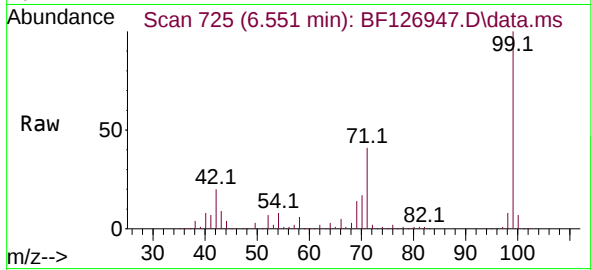




#7
Phenol-d6
Concen: 120.415 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126947.D
Acq: 18 Feb 2022 12:15

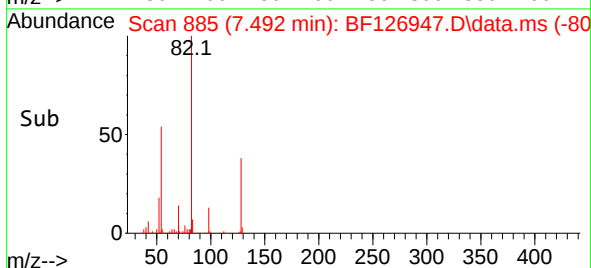
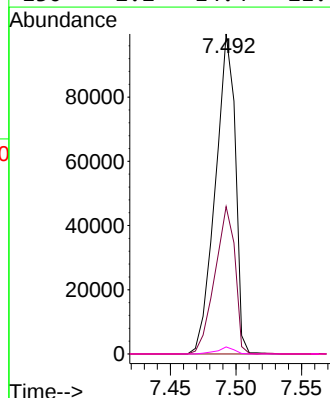
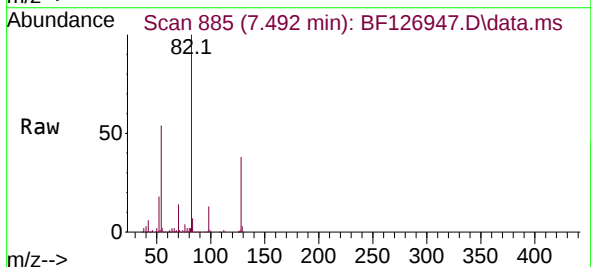
Instrument :
BNA_F
ClientSampleId :
PB142738BL

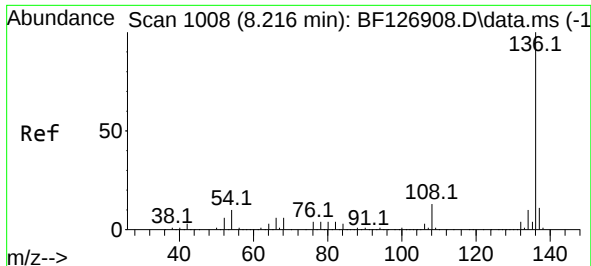
Tgt Ion: 99 Resp: 1076671
Ion Ratio Lower Upper
99 100
42 20.1 14.2 21.4
71 40.5 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.272 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF126947.D
Acq: 18 Feb 2022 12:15

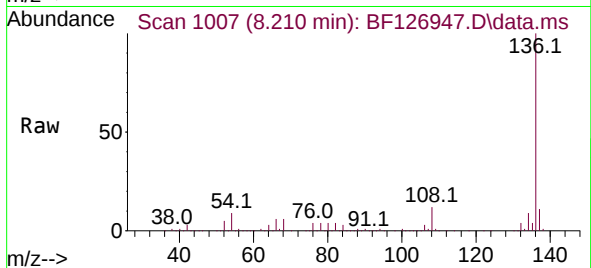
Tgt Ion: 70 Resp: 105276
Ion Ratio Lower Upper
70 100
42 46.1 45.8 68.8
101 0.0 6.9 10.3#
130 2.2 14.4 21.6#



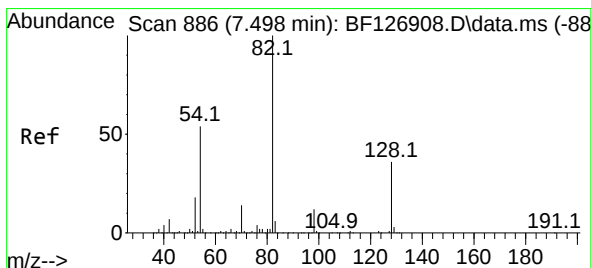
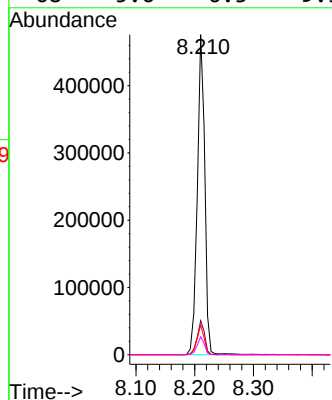
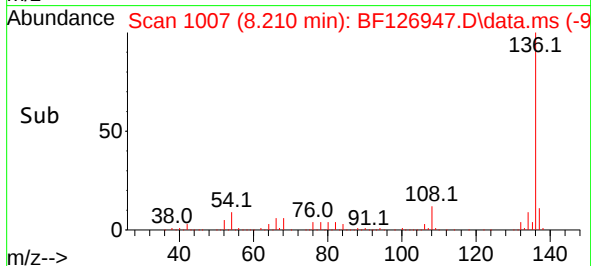


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF126947.D
Acq: 18 Feb 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB142738BL

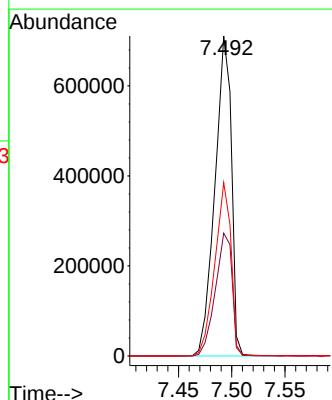
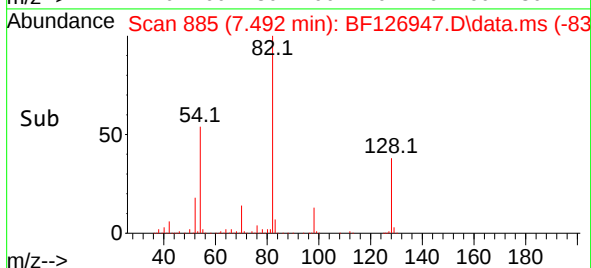
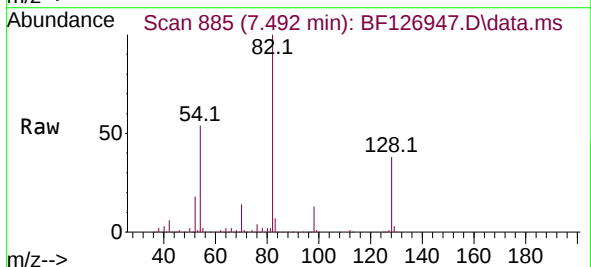


Tgt Ion:136 Resp: 421524
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.2 7.8 11.6
68 5.6 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 82.059 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF126947.D
Acq: 18 Feb 2022 12:15

Tgt Ion: 82 Resp: 766326
Ion Ratio Lower Upper
82 100
128 38.4 32.7 49.1
54 54.2 41.7 62.5

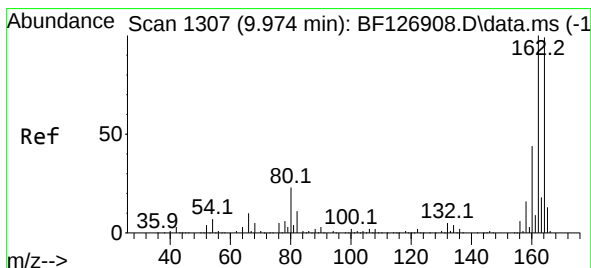
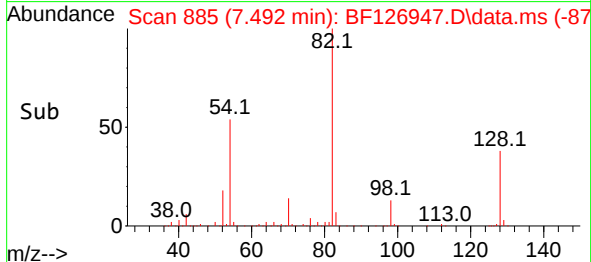
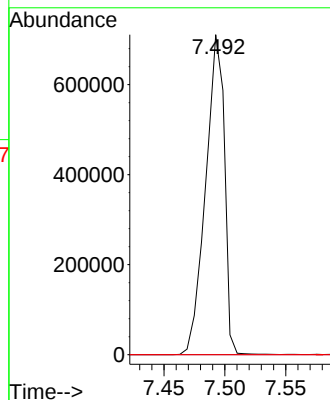
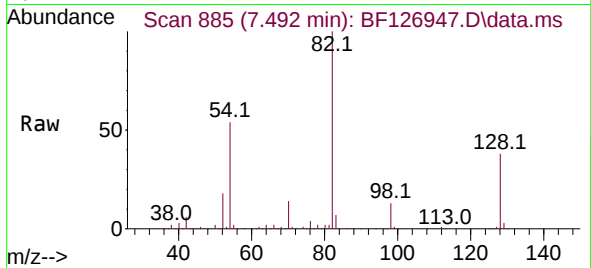




#25
Isophorone
Concen: 49.399 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF126947.D
Acq: 18 Feb 2022 12:15

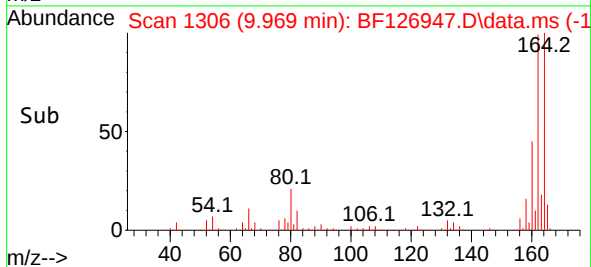
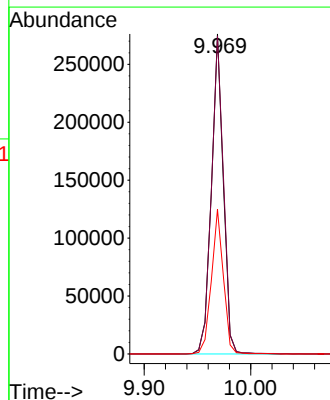
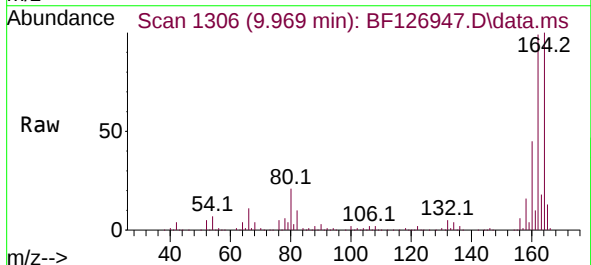
Instrument :
BNA_F
ClientSampleId :
PB142738BL

Tgt Ion: 82 Resp: 763371
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: BF126947.D
Acq: 18 Feb 2022 12:15

Tgt Ion: 164 Resp: 214298
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 45.2 36.6 54.8

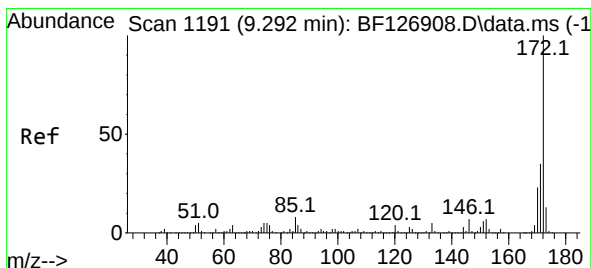
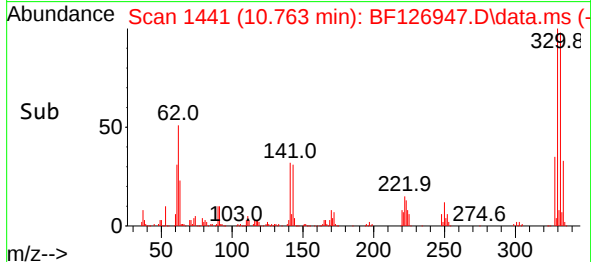
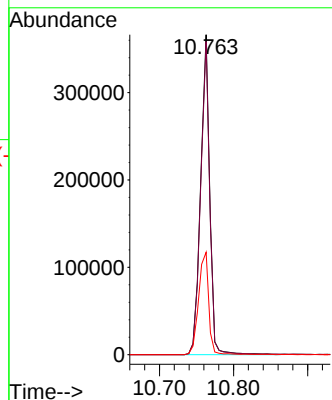
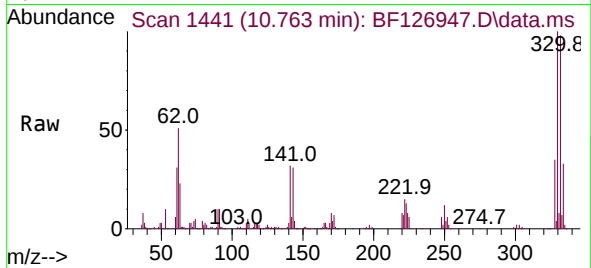




#42
2,4,6-Tribromophenol
Concen: 126.488 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF126947.D
Acq: 18 Feb 2022 12:15

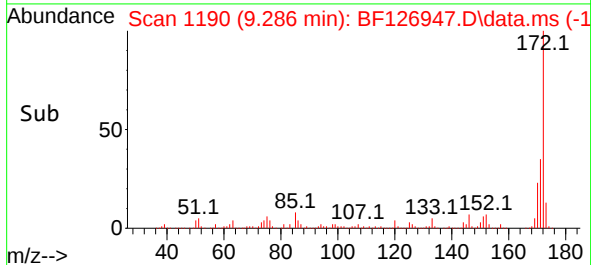
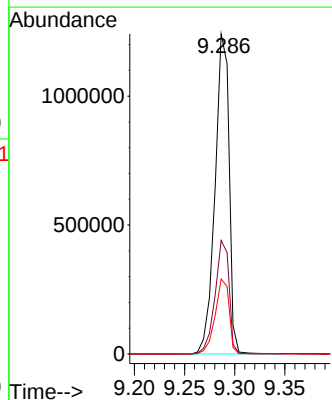
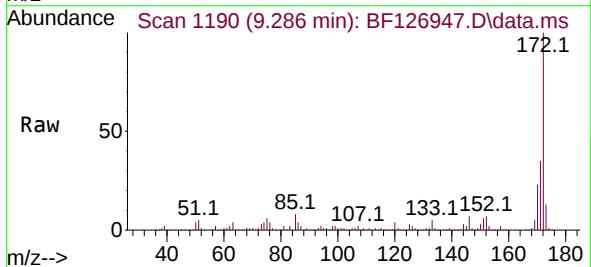
Instrument :
BNA_F
ClientSampleId :
PB142738BL

Tgt Ion:330 Resp: 312091
Ion Ratio Lower Upper
330 100
332 97.0 76.0 114.0
141 35.7 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 83.382 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF126947.D
Acq: 18 Feb 2022 12:15

Tgt Ion:172 Resp: 1213777
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.5 19.0 28.6

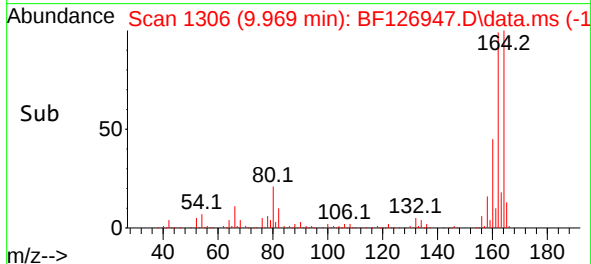
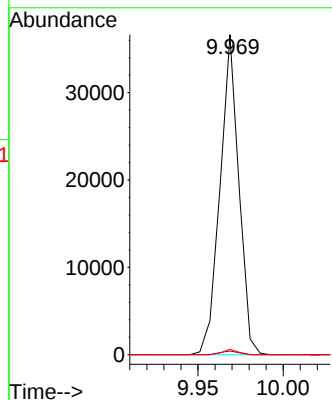
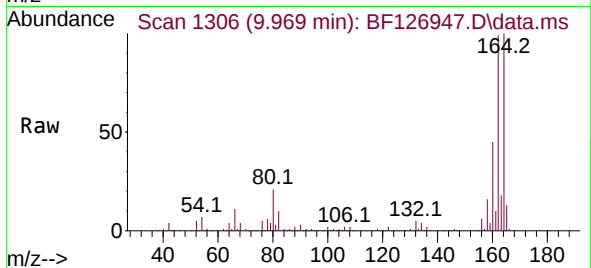




#51
2,6-Dinitrotoluene
Concen: 9.016 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126947.D
Acq: 18 Feb 2022 12:15

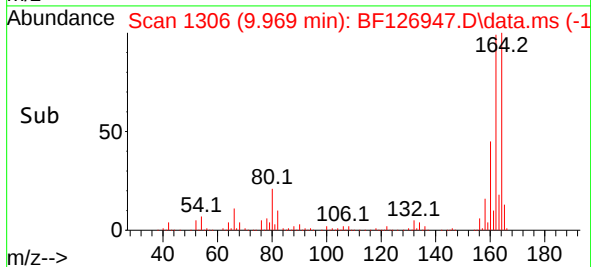
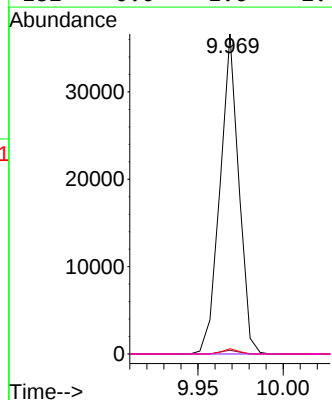
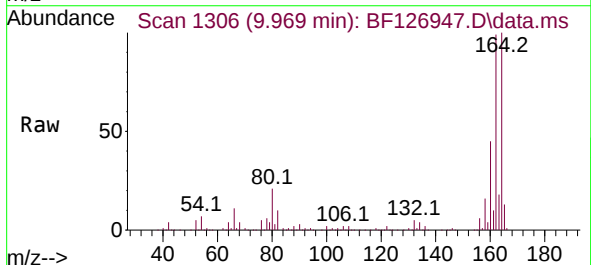
Instrument :
BNA_F
ClientSampleId :
PB142738BL

Tgt Ion:165 Resp: 28099
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.6 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.668 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF126947.D
Acq: 18 Feb 2022 12:15

Tgt Ion:165 Resp: 28099
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 1.6 71.0 106.4#
182 0.0 1.6 2.4#

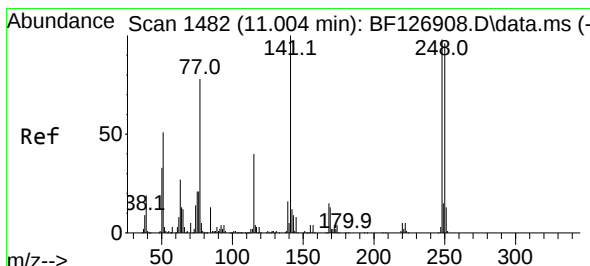
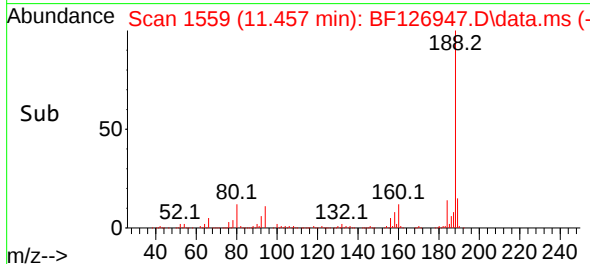
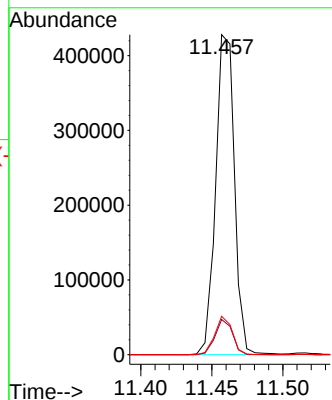
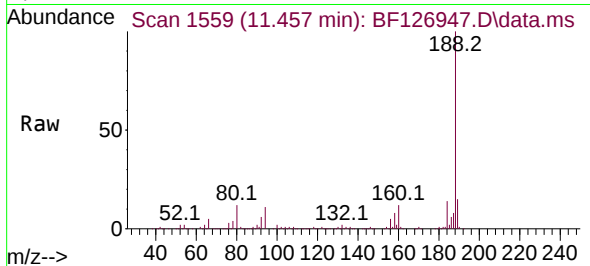




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126947.D
Acq: 18 Feb 2022 12:15

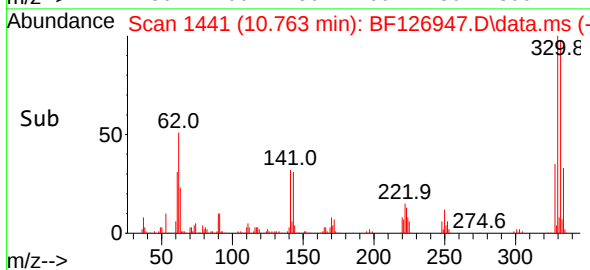
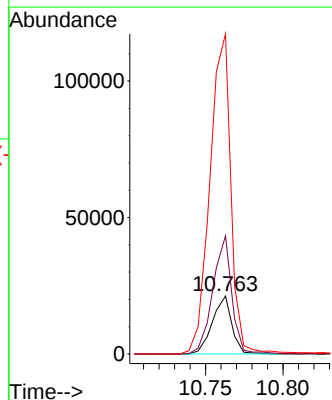
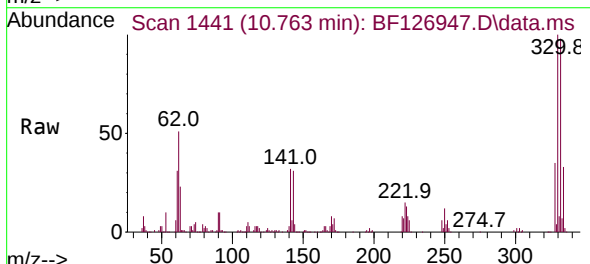
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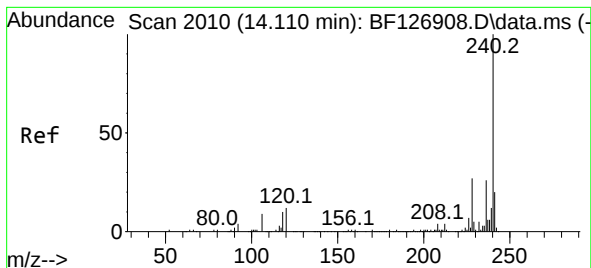
Tgt Ion:188 Resp: 394167
Ion Ratio Lower Upper
188 100
94 11.0 10.1 15.1
80 12.0 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.196 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.241 min
Lab File: BF126947.D
Acq: 18 Feb 2022 12:15

Tgt Ion:248 Resp: 18479
Ion Ratio Lower Upper
248 100
250 203.9 76.2 114.4#
141 552.7 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: BF126947.D

Acq: 18 Feb 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB142738BL

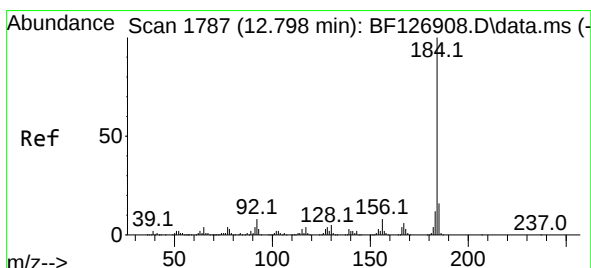
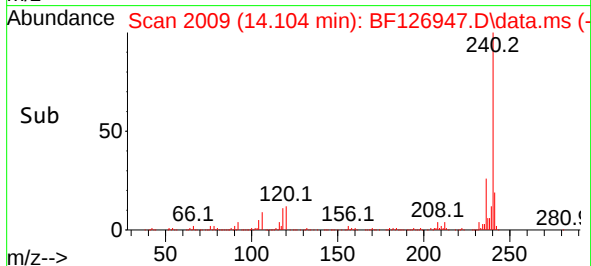
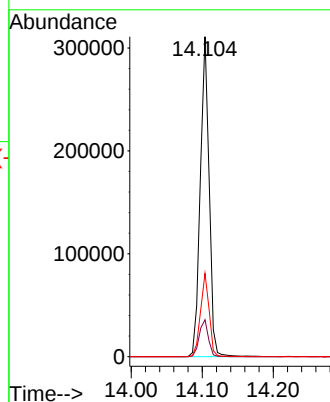
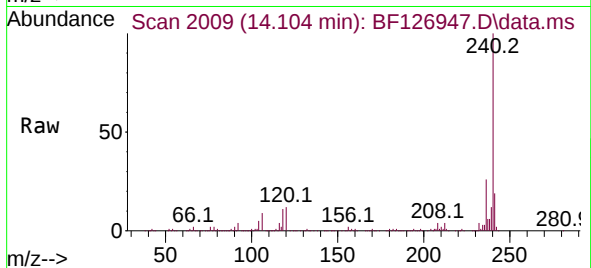
Tgt Ion:240 Resp: 270237

Ion Ratio Lower Upper

240 100

120 11.6 14.4 21.6#

236 26.0 20.5 30.7



#77

Benzdine

Concen: 2.947 ng

RT: 13.051 min Scan# 1830

Delta R.T. 0.253 min

Lab File: BF126947.D

Acq: 18 Feb 2022 12:15

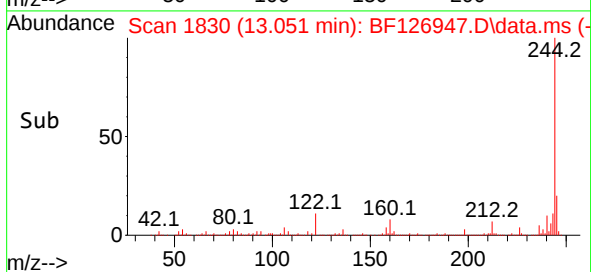
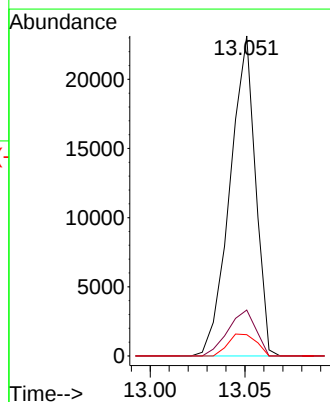
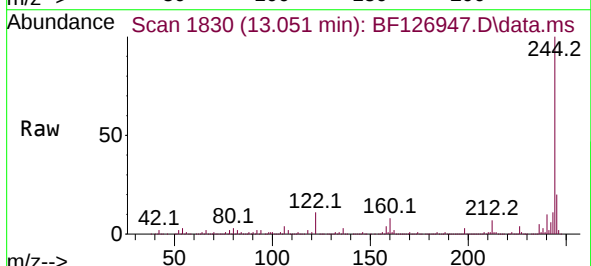
Tgt Ion:184 Resp: 21639

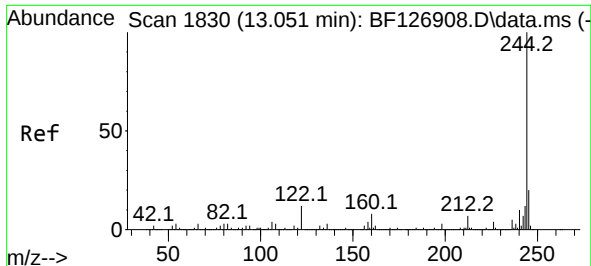
Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.8

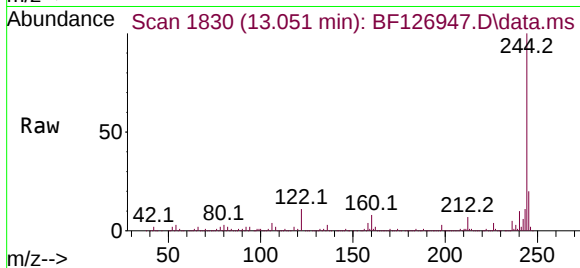
183 6.7 8.2 12.2#



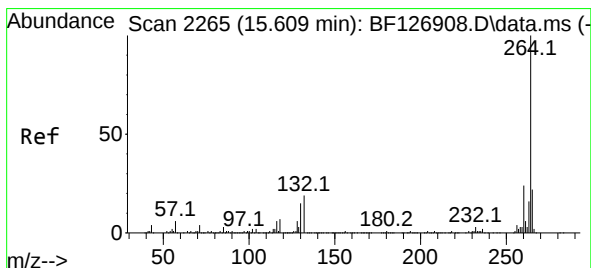
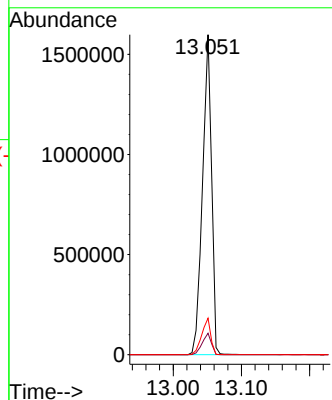
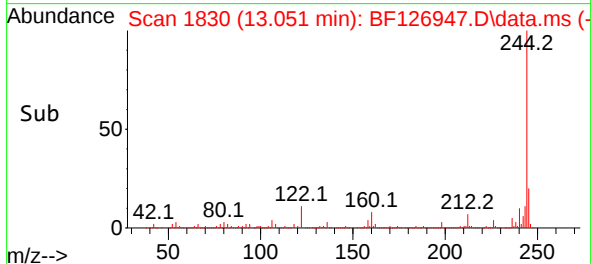


#79
 Terphenyl-d14
 Concen: 80.448 ng
 RT: 13.051 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: BF126947.D
 Acq: 18 Feb 2022 12:15

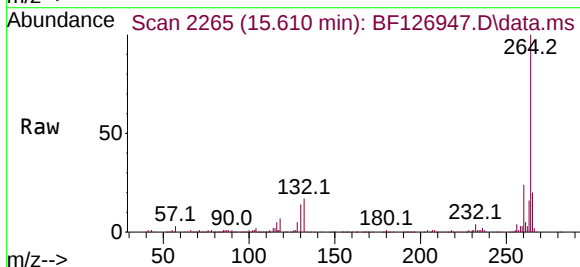
Instrument :
 BNA_F
 ClientSampleId :
 PB142738BL



Tgt Ion:244 Resp: 1478878
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 11.4 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.610 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF126947.D
 Acq: 18 Feb 2022 12:15



Tgt Ion:264 Resp: 214268
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 20.5 17.4 26.2

