

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126976.D
 Acq On : 21 Feb 2022 16:25
 Operator : CG\JU
 Sample : PB142832TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142832TB

Quant Time: Feb 21 17:01:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

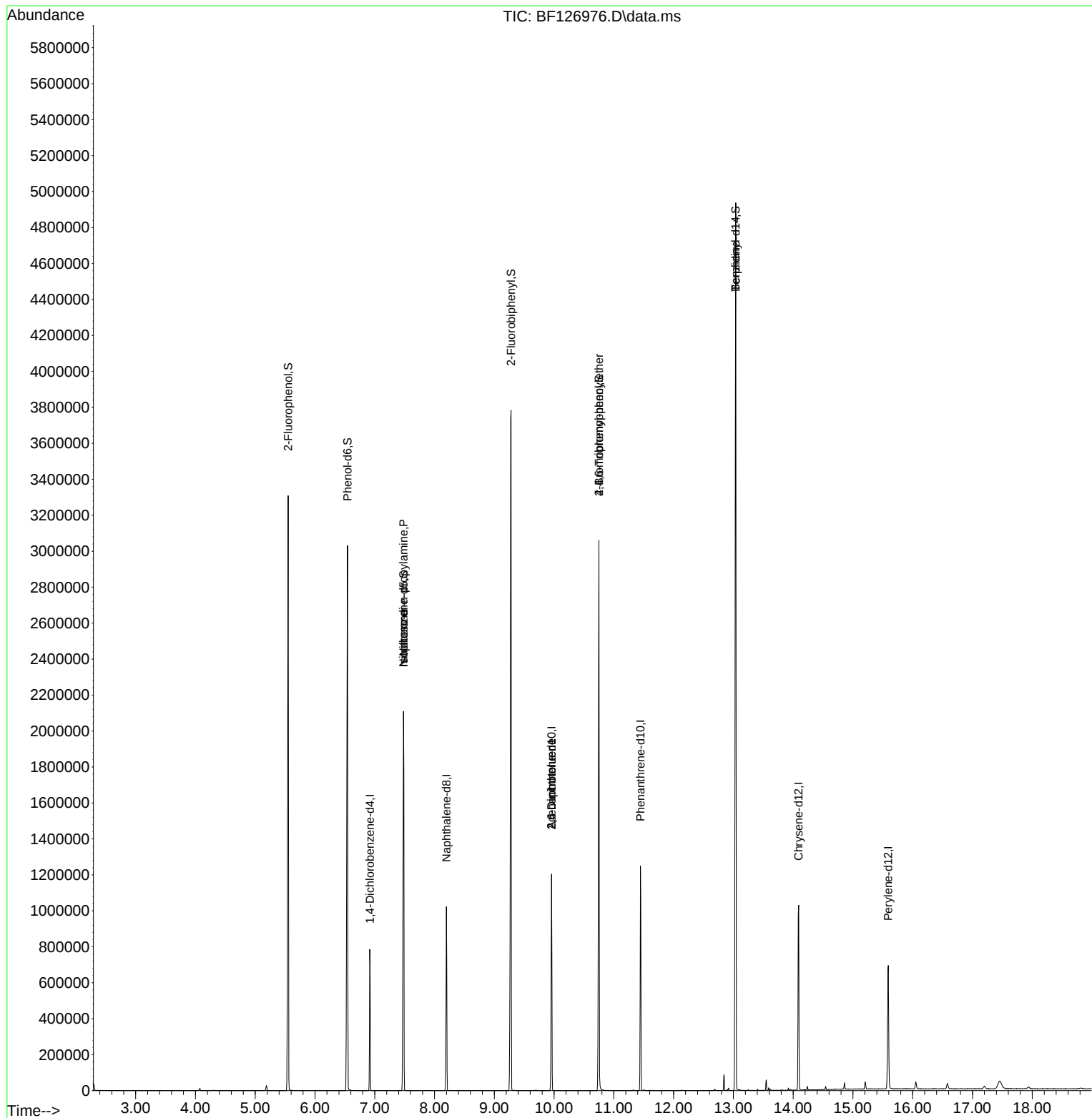
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	105431	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	426160	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	222608	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	423646	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	336200	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	305490	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	841102	123.302	ng	0.01
7) Phenol-d6	6.545	99	1096660	119.143	ng	0.00
23) Nitrobenzene-d5	7.481	82	787036	83.360	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	354323	138.244	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1273412	84.213	ng	0.00
79) Terphenyl-d14	13.039	244	1644959	71.926	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	109273	18.424	ng	# 79
25) Isophorone	7.481	82	786776	50.360	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	29364	9.071	ng	# 21
57) 2,4-Dinitrotoluene	9.957	165	29364	6.709	ng	# 15
67) 4-Bromophenyl-phenylether	10.751	248	21392	4.519	ng	# 1
77) Benzidine	13.039	184	24690	2.702	ng	97

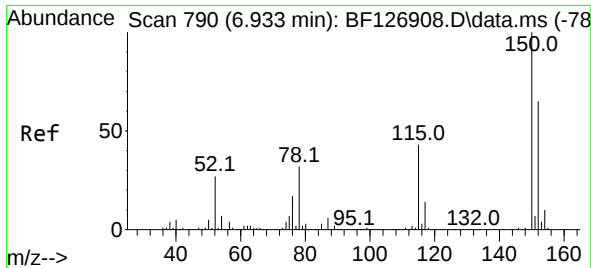
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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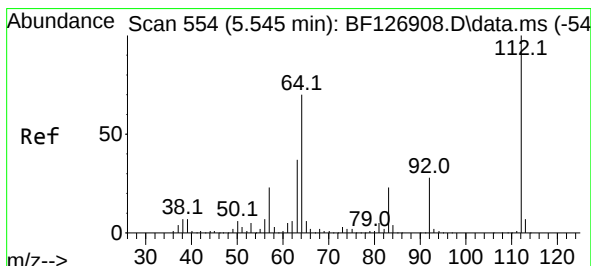
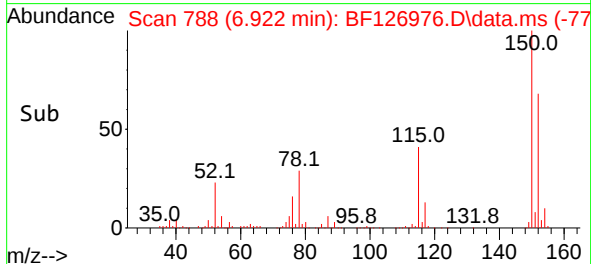
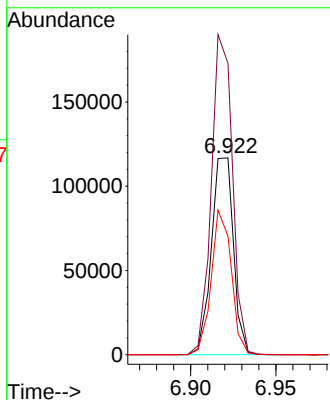
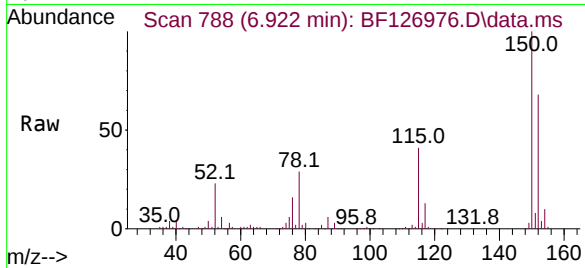




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF126976.D
 Acq: 21 Feb 2022 16:25

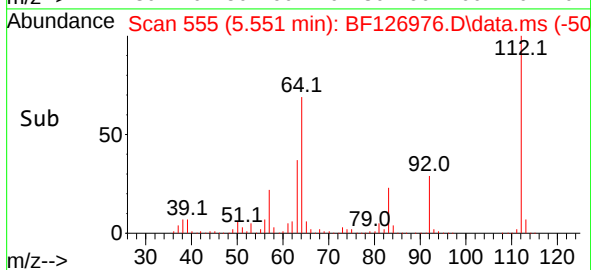
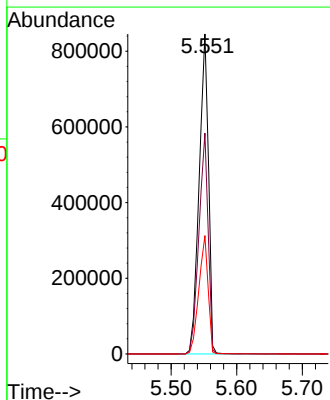
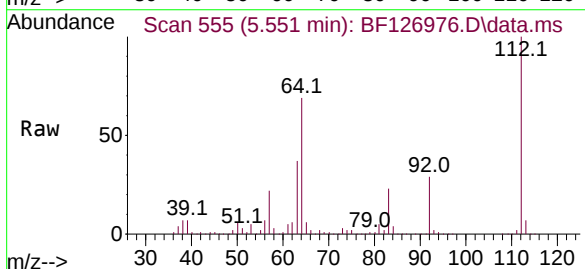
Instrument :
 BNA_F
 ClientSampleId :
 PB142832TB

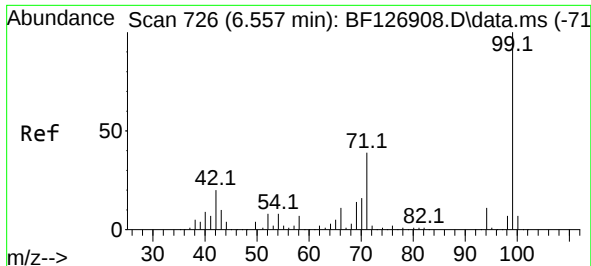
Tgt Ion:152 Resp: 105431
 Ion Ratio Lower Upper
 152 100
 150 148.0 128.1 192.1
 115 60.2 56.7 85.1



#5
 2-Fluorophenol
 Concen: 123.302 ng
 RT: 5.551 min Scan# 555
 Delta R.T. 0.012 min
 Lab File: BF126976.D
 Acq: 21 Feb 2022 16:25

Tgt Ion:112 Resp: 841102
 Ion Ratio Lower Upper
 112 100
 64 69.0 49.5 74.3
 63 37.0 23.9 35.9#

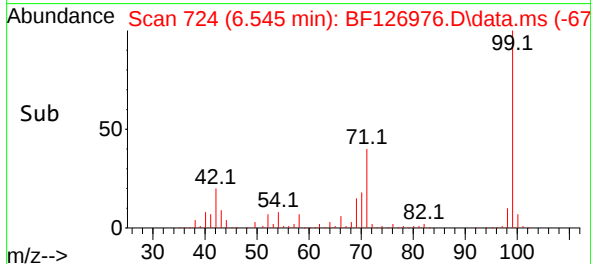
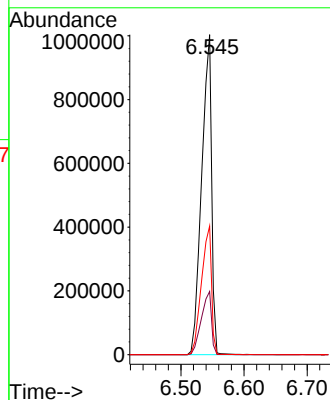
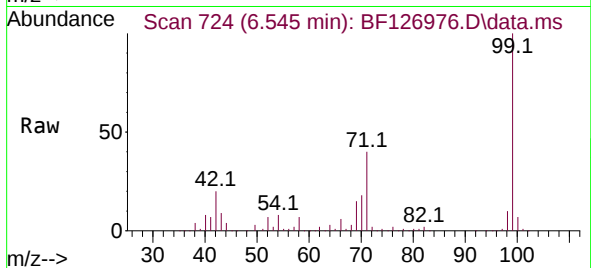




#7
Phenol-d6
Concen: 119.143 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126976.D
Acq: 21 Feb 2022 16:25

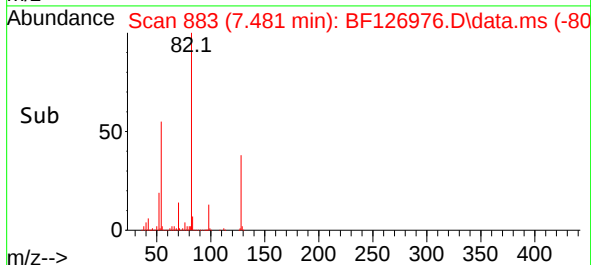
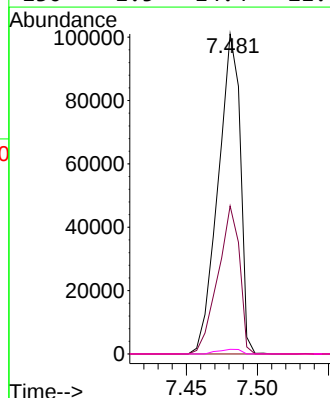
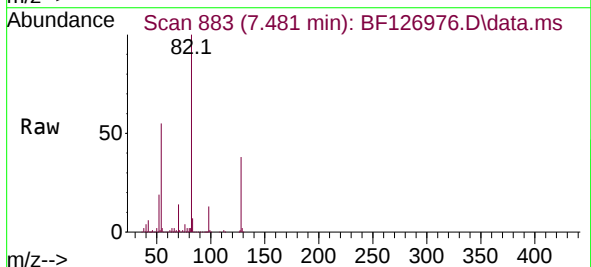
Instrument :
BNA_F
ClientSampleId :
PB142832TB

Tgt Ion: 99 Resp: 1096660
Ion Ratio Lower Upper
99 100
42 19.7 14.2 21.4
71 40.2 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.424 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF126976.D
Acq: 21 Feb 2022 16:25

Tgt Ion: 70 Resp: 109273
Ion Ratio Lower Upper
70 100
42 46.3 45.8 68.8
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#

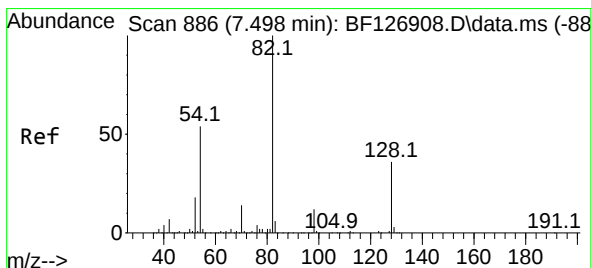
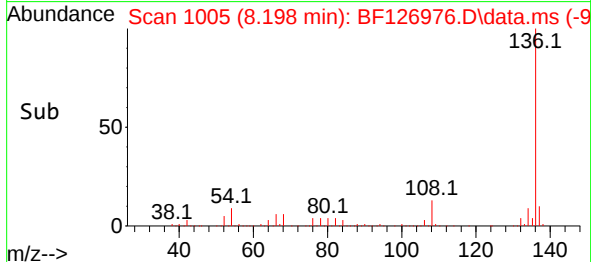
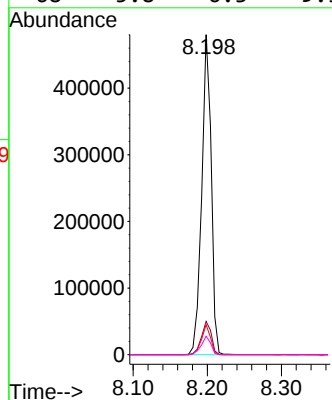
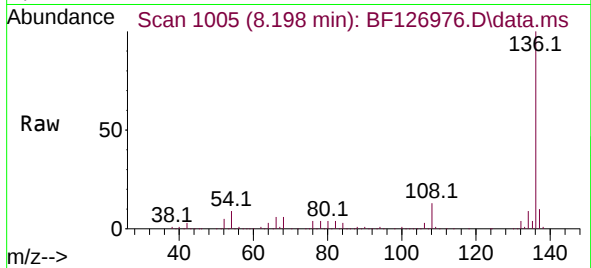




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF126976.D
Acq: 21 Feb 2022 16:25

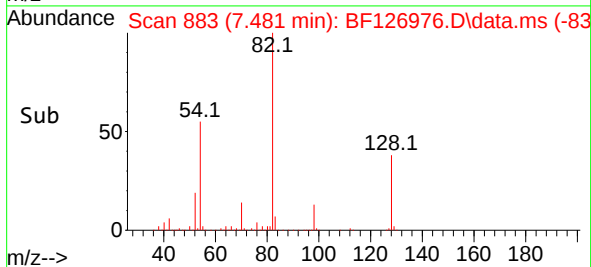
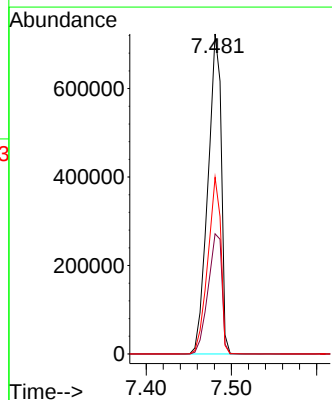
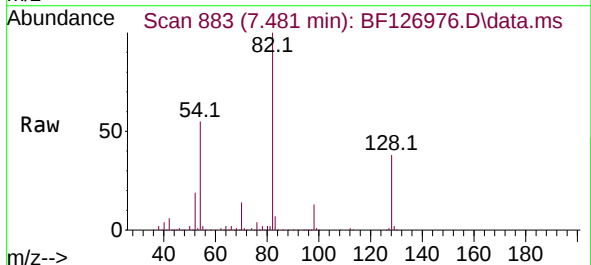
Instrument :
BNA_F
ClientSampleId :
PB142832TB

Tgt Ion:136 Resp: 426160
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 9.3 7.8 11.6
68 5.8 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 83.360 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF126976.D
Acq: 21 Feb 2022 16:25

Tgt Ion: 82 Resp: 787036
Ion Ratio Lower Upper
82 100
128 37.6 32.7 49.1
54 55.2 41.7 62.5

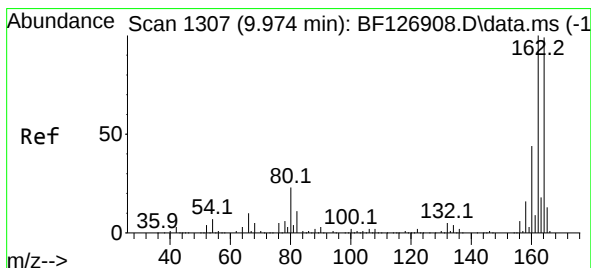
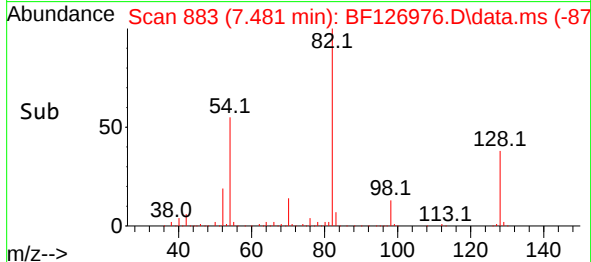
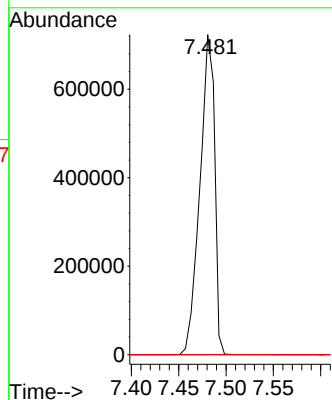
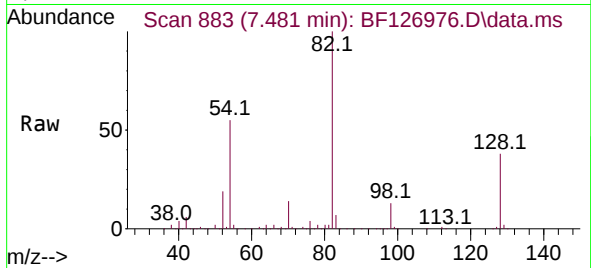




#25
Isophorone
Concen: 50.360 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF126976.D
Acq: 21 Feb 2022 16:25

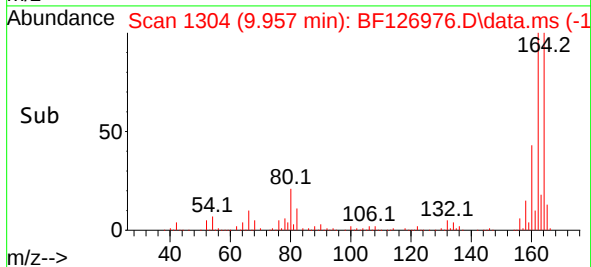
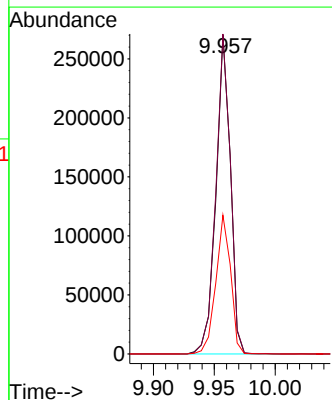
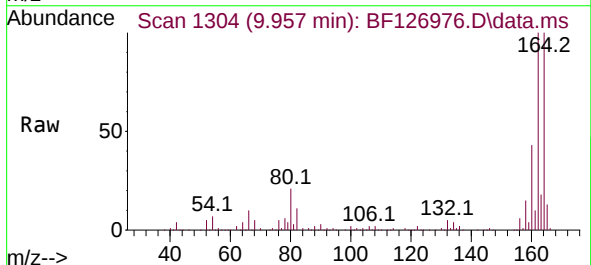
Instrument :
BNA_F
ClientSampleId :
PB142832TB

Tgt Ion: 82 Resp: 786776
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: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF126976.D
Acq: 21 Feb 2022 16:25

Tgt Ion:164 Resp: 222608
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 43.5 36.6 54.8

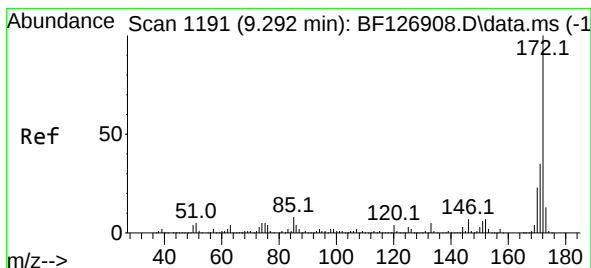
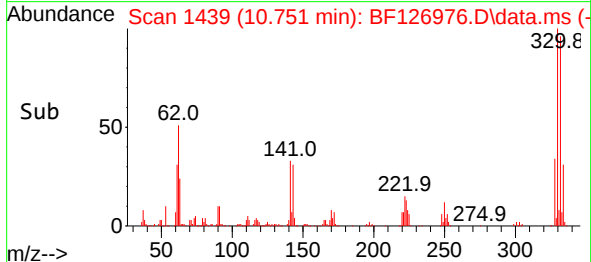
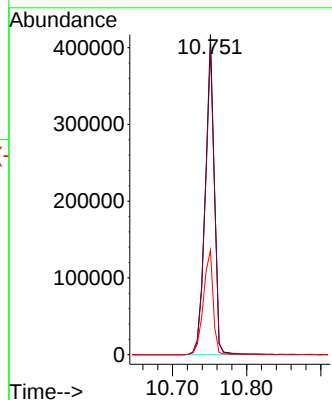
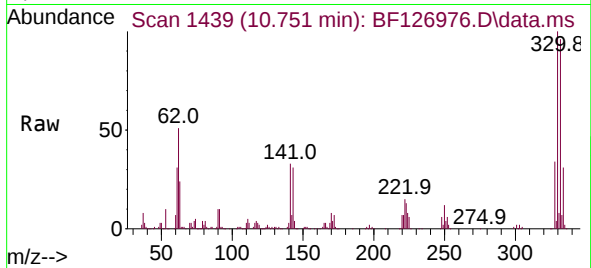




#42
2,4,6-Tribromophenol
Concen: 138.244 ng
RT: 10.751 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF126976.D
Acq: 21 Feb 2022 16:25

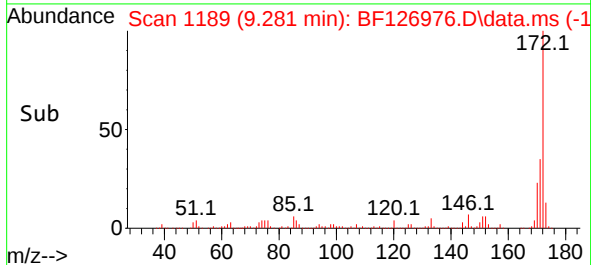
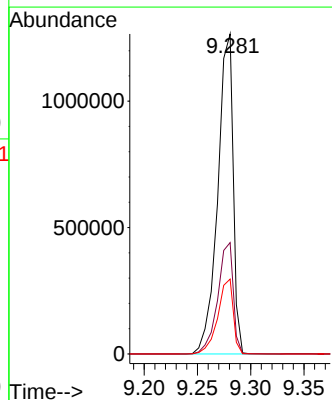
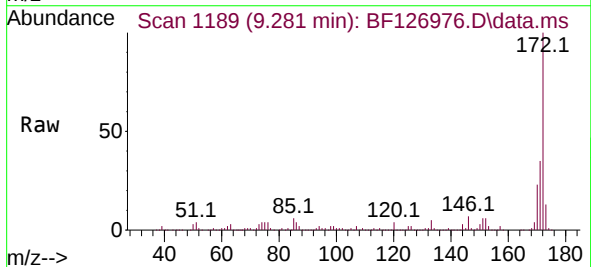
Instrument :
BNA_F
ClientSampleId :
PB142832TB

Tgt Ion:330 Resp: 354323
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 35.1 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 84.213 ng
RT: 9.281 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF126976.D
Acq: 21 Feb 2022 16:25

Tgt Ion:172 Resp: 1273412
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.4 19.0 28.6

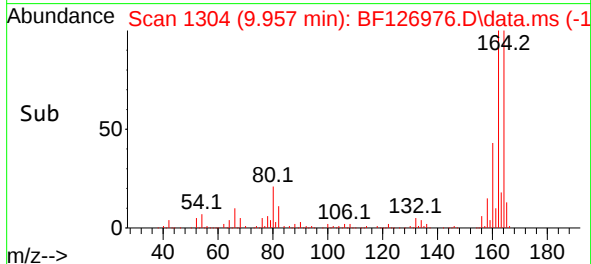
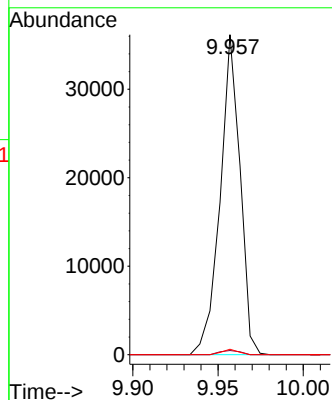
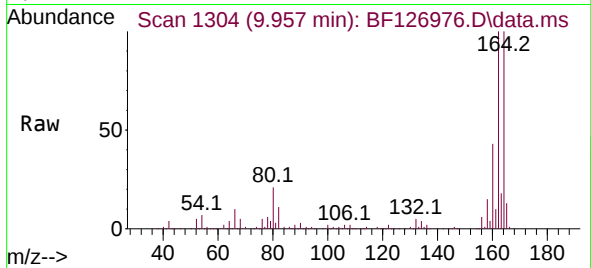




#51
2,6-Dinitrotoluene
Concen: 9.071 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126976.D
Acq: 21 Feb 2022 16:25

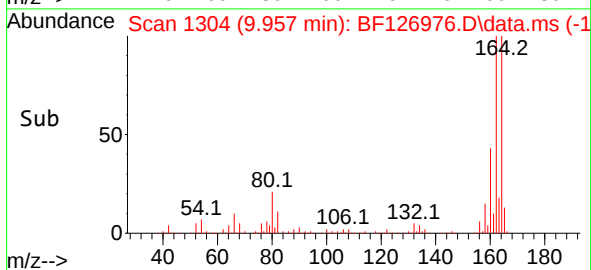
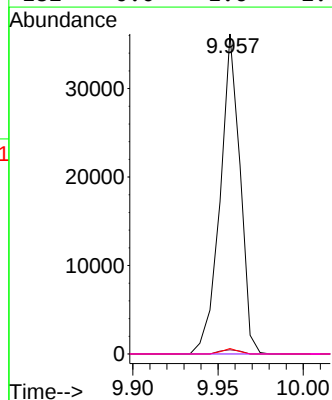
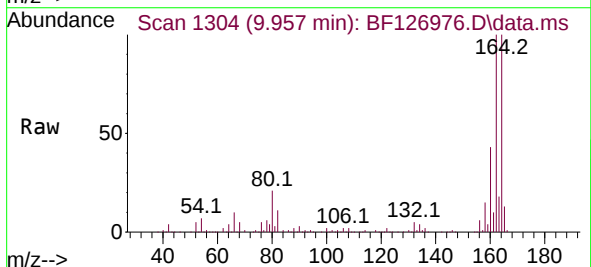
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ClientSampleId :
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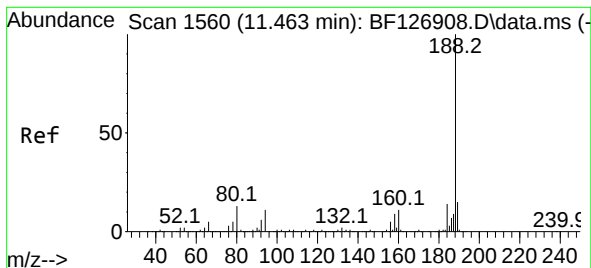
Tgt Ion:165 Resp: 29364
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.7 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.709 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.194 min
Lab File: BF126976.D
Acq: 21 Feb 2022 16:25

Tgt Ion:165 Resp: 29364
Ion Ratio Lower Upper
165 100
63 1.3 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: 11.445 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126976.D

Acq: 21 Feb 2022 16:25

Instrument :

BNA_F

ClientSampleId :

PB142832TB

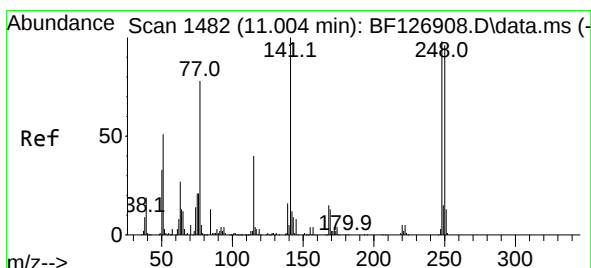
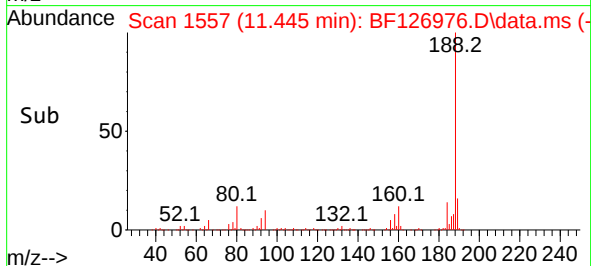
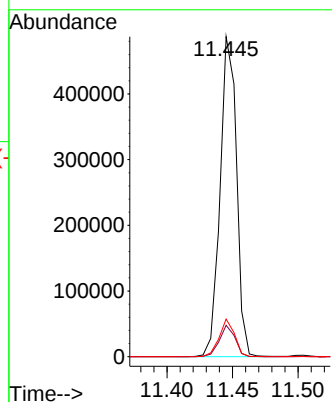
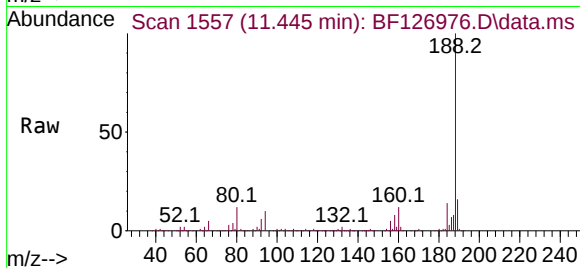
Tgt Ion:188 Resp: 423646

Ion Ratio Lower Upper

188 100

94 9.8 10.1 15.1#

80 11.7 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 4.519 ng

RT: 10.751 min Scan# 1439

Delta R.T. -0.241 min

Lab File: BF126976.D

Acq: 21 Feb 2022 16:25

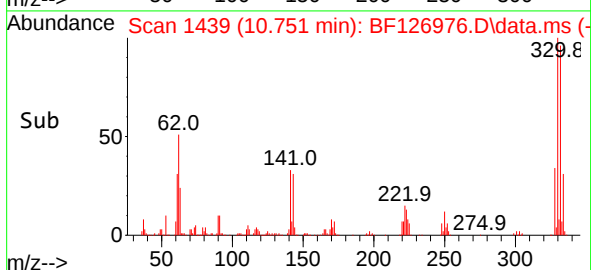
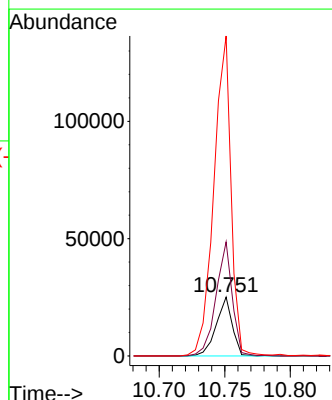
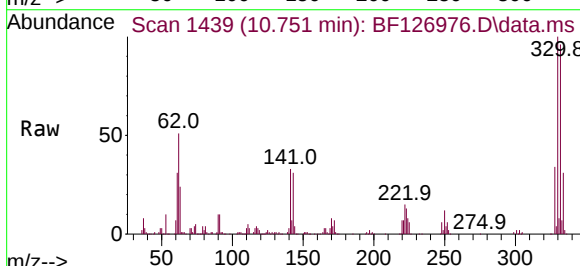
Tgt Ion:248 Resp: 21392

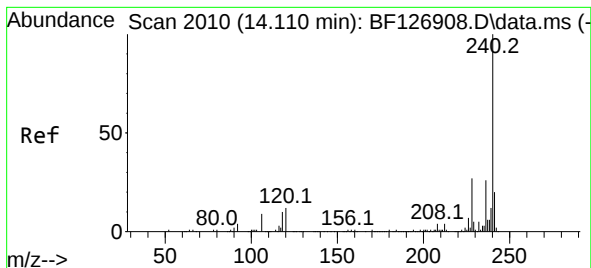
Ion Ratio Lower Upper

248 100

250 193.5 76.2 114.4#

141 542.9 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF126976.D

Acq: 21 Feb 2022 16:25

Instrument :

BNA_F

ClientSampleId :

PB142832TB

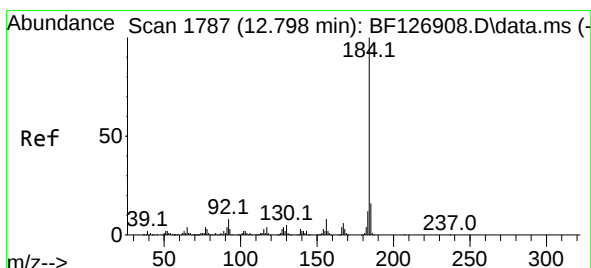
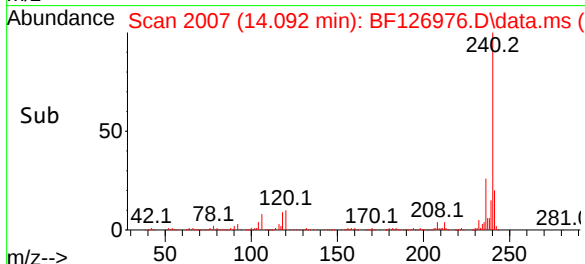
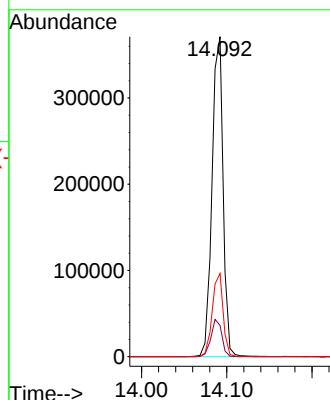
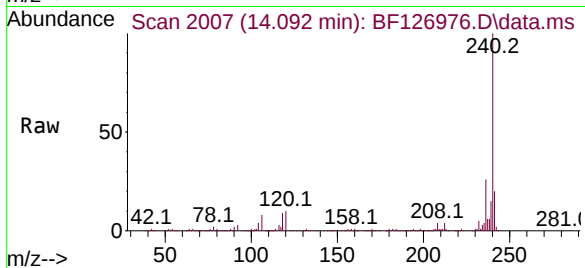
Tgt Ion:240 Resp: 336200

Ion Ratio Lower Upper

240 100

120 9.7 14.4 21.6#

236 26.0 20.5 30.7



#77

Benidine

Concen: 2.702 ng

RT: 13.039 min Scan# 1828

Delta R.T. 0.253 min

Lab File: BF126976.D

Acq: 21 Feb 2022 16:25

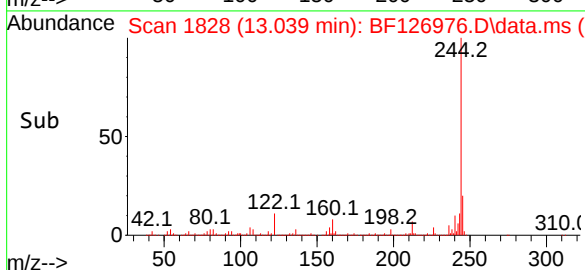
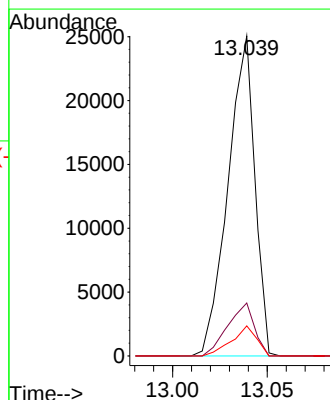
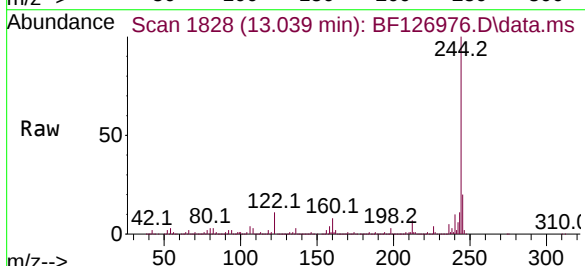
Tgt Ion:184 Resp: 24690

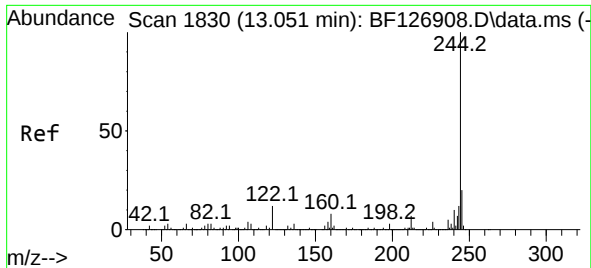
Ion Ratio Lower Upper

184 100

185 16.6 11.8 17.8

183 9.4 8.2 12.2

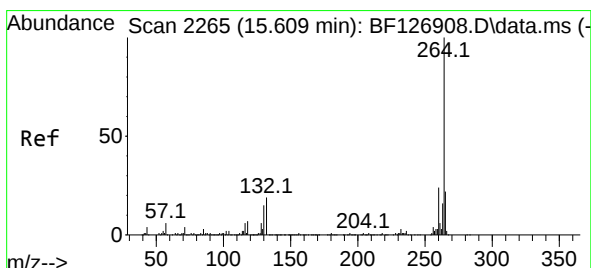
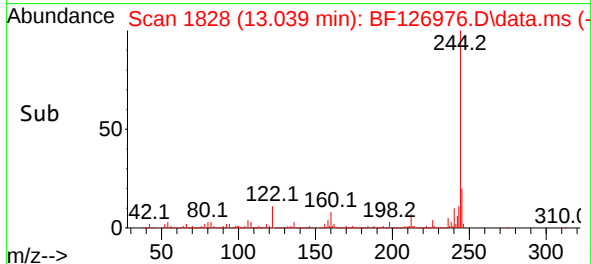
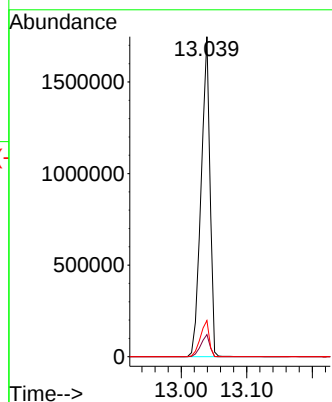
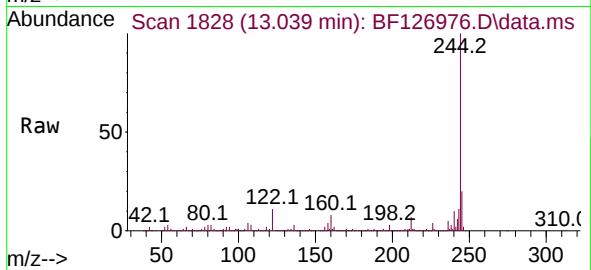




#79
 Terphenyl-d14
 Concen: 71.926 ng
 RT: 13.039 min Scan# 1828
 Delta R.T. 0.000 min
 Lab File: BF126976.D
 Acq: 21 Feb 2022 16:25

Instrument :
 BNA_F
 ClientSampleId :
 PB142832TB

Tgt Ion:244 Resp: 1644959
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 11.3 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2262
 Delta R.T. 0.000 min
 Lab File: BF126976.D
 Acq: 21 Feb 2022 16:25

Tgt Ion:264 Resp: 305490
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.1 17.4 26.2

