

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
 Data File : BF141166.D
 Acq On : 15 Jan 2025 10:52
 Operator : RC/JU
 Sample : PB166026TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166026TB

Quant Time: Jan 15 11:13:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

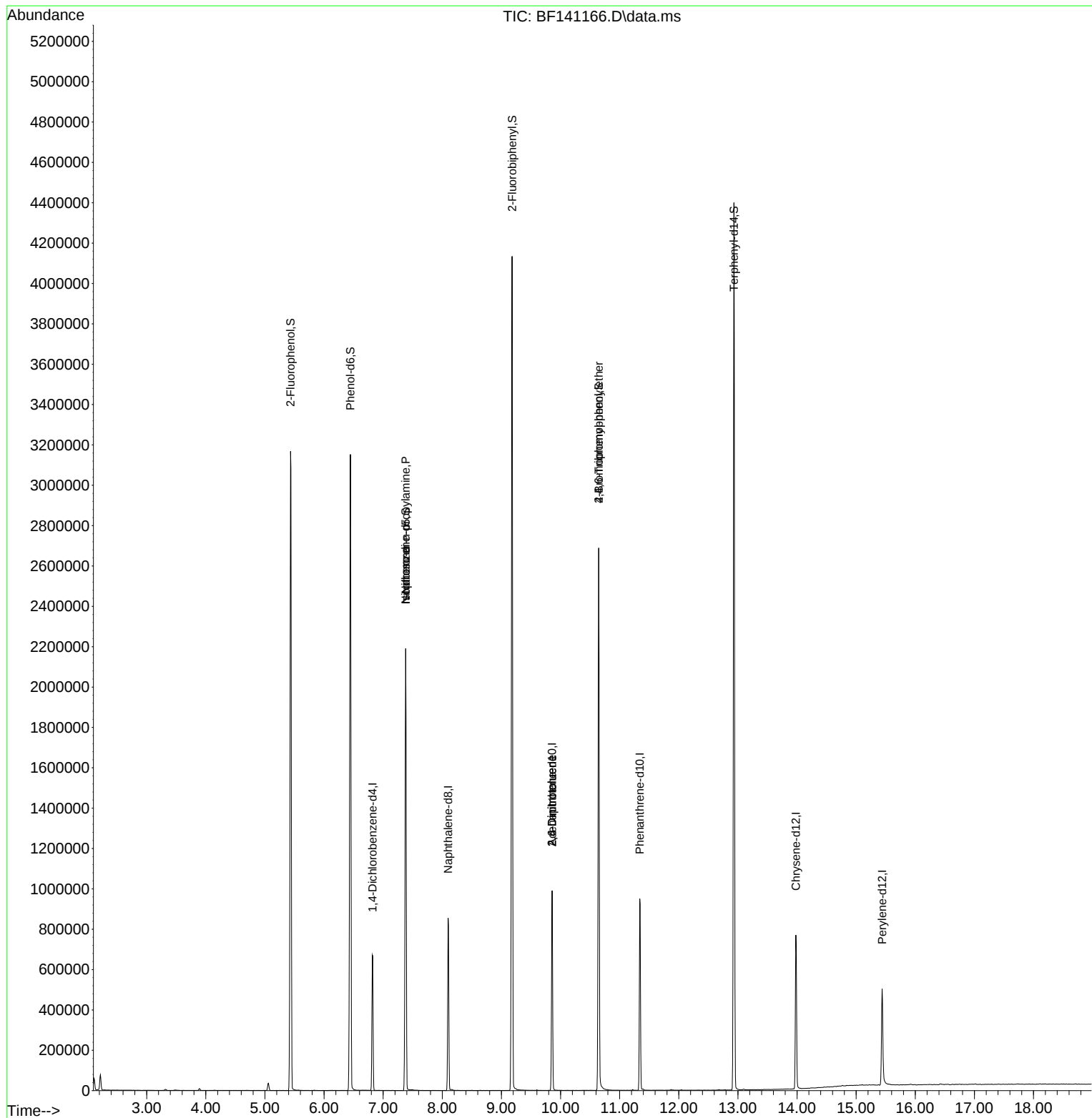
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	143758	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	562525	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	296485	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	497926	20.000	ng	0.00
76) Chrysene-d12	13.980	240	383243	20.000	ng	0.00
86) Perylene-d12	15.439	264	298053	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1321613	142.019	ng	0.00
7) Phenol-d6	6.445	99	1660833	140.893	ng	0.00
23) Nitrobenzene-d5	7.381	82	1057819	99.681	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	513225	151.920	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1934713	99.647	ng	0.00
79) Terphenyl-d14	12.933	244	2211260	85.758	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	144729	20.843	ng	# 76
25) Isophorone	7.381	82	1051726	57.993	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	37799	8.166	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	37799	6.337	ng	# 24
67) 4-Bromophenyl-phenylether	10.645	248	32141	5.607	ng	# 1

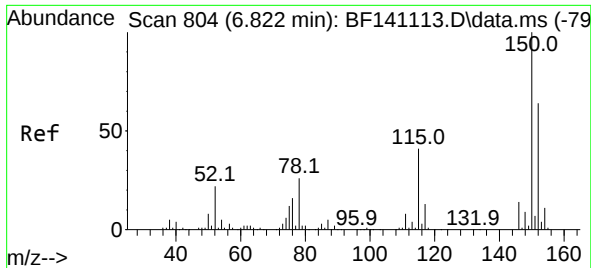
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
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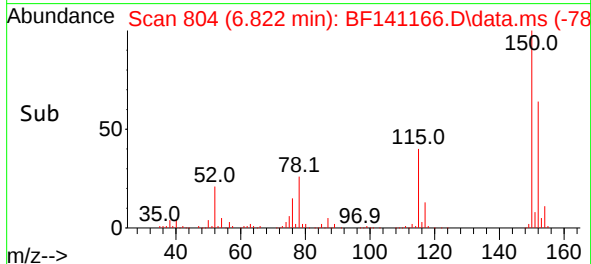
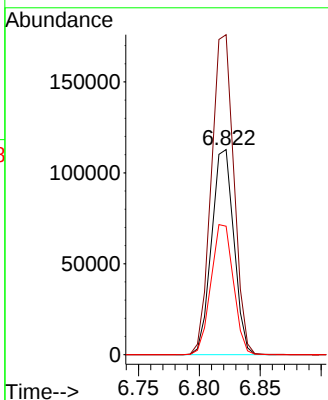
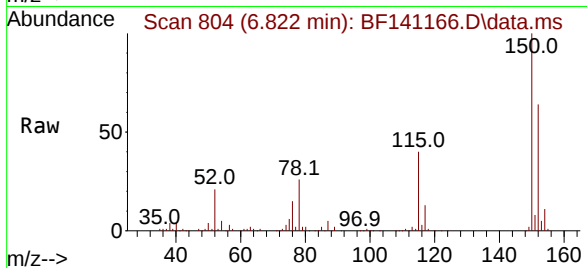




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF141166.D
 Acq: 15 Jan 2025 10:52

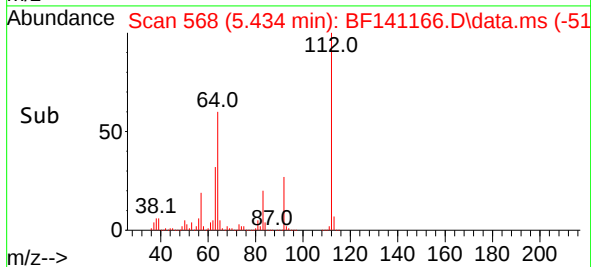
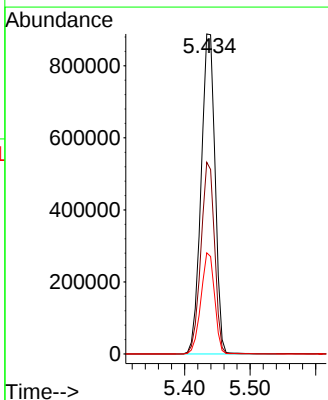
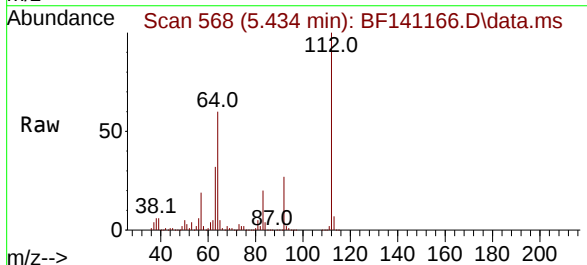
Instrument :
 BNA_F
 ClientSampleId :
 PB166026TB

Tgt Ion:152 Resp: 143758
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.8 188.8
 115 62.7 51.4 77.2



#5
 2-Fluorophenol
 Concen: 142.019 ng
 RT: 5.434 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF141166.D
 Acq: 15 Jan 2025 10:52

Tgt Ion:112 Resp: 1321613
 Ion Ratio Lower Upper
 112 100
 64 59.9 47.3 70.9
 63 31.6 24.2 36.2



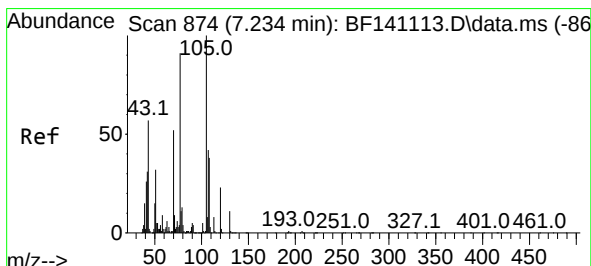
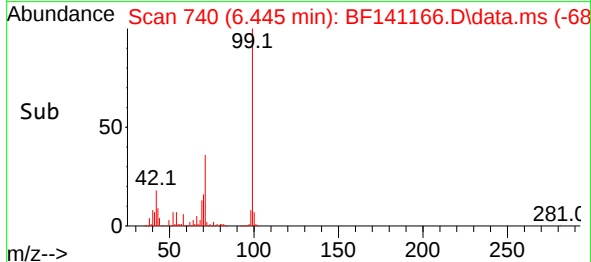
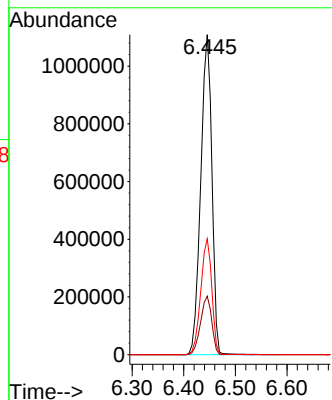
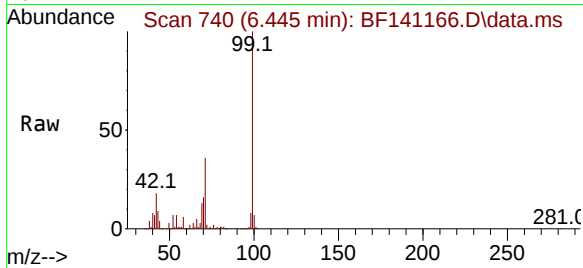


#7
Phenol-d6
Concen: 140.893 ng
RT: 6.445 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF141166.D
Acq: 15 Jan 2025 10:52

Instrument :
BNA_F
ClientSampleId :
PB166026TB

Tgt Ion: 99 Resp: 1660833

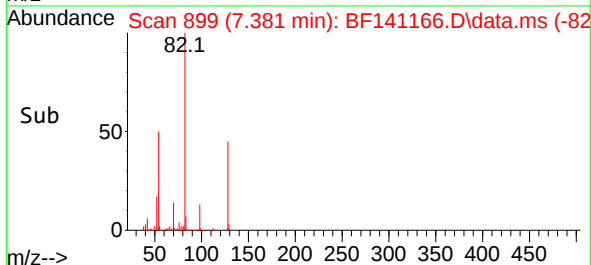
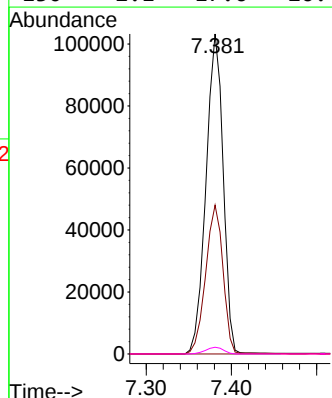
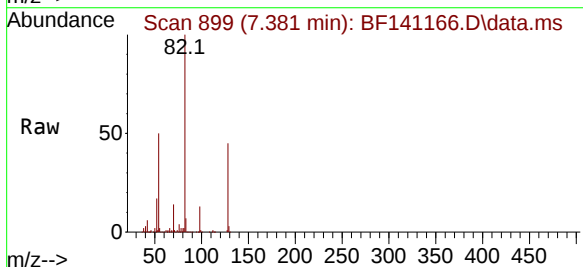
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.4
71	36.2	27.6	41.4

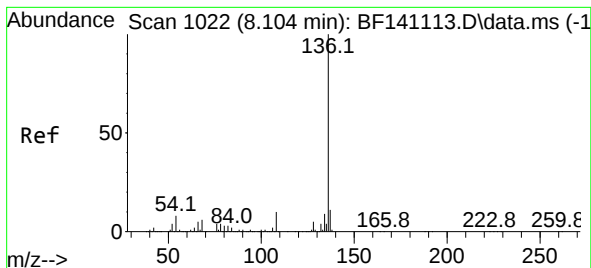


#19
n-Nitroso-di-n-propylamine
Concen: 20.843 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF141166.D
Acq: 15 Jan 2025 10:52

Tgt Ion: 70 Resp: 144729

Ion	Ratio	Lower	Upper
70	100		
42	46.5	47.8	71.6#
101	0.0	7.9	11.9#
130	2.1	17.6	26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141166.D

Acq: 15 Jan 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB166026TB

Tgt Ion:136 Resp: 562525

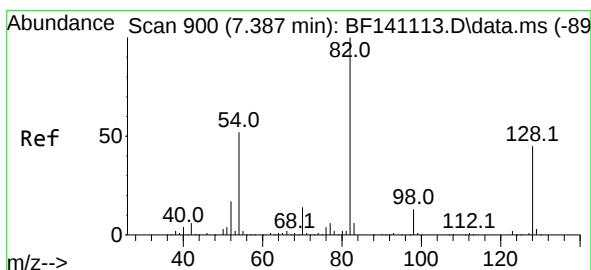
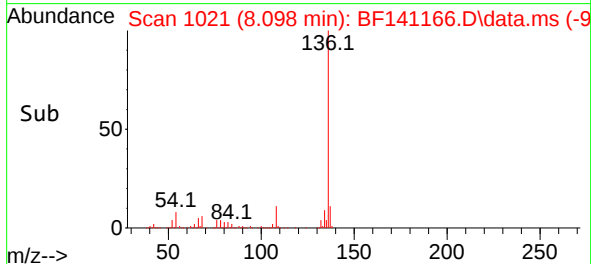
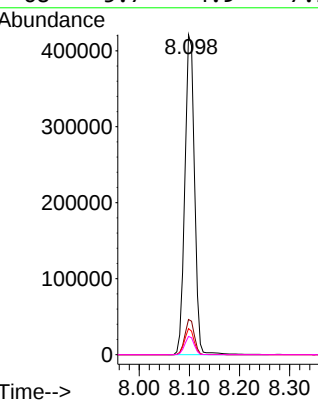
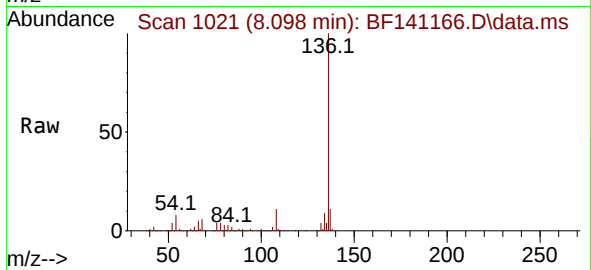
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.2 6.3 9.5

68 5.7 4.9 7.3



#23

Nitrobenzene-d5

Concen: 99.681 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF141166.D

Acq: 15 Jan 2025 10:52

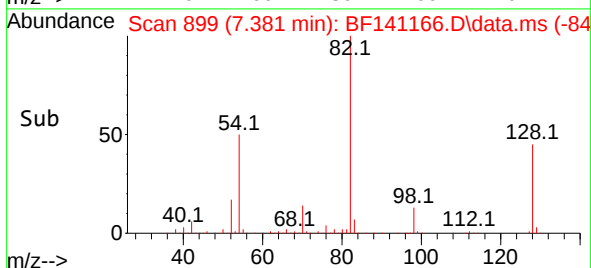
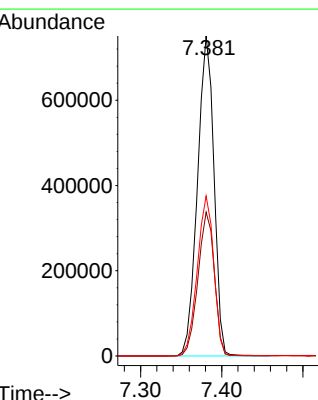
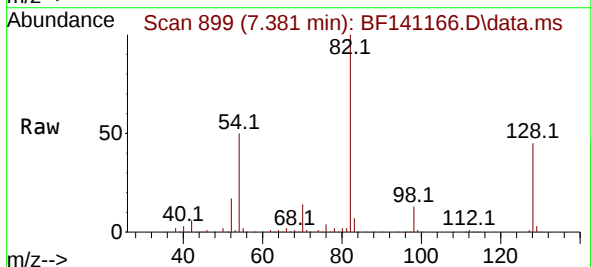
Tgt Ion: 82 Resp: 1057819

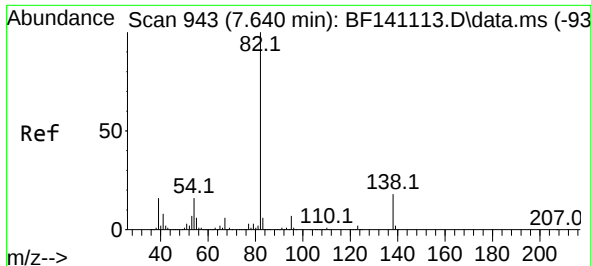
Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

54 50.0 41.0 61.4

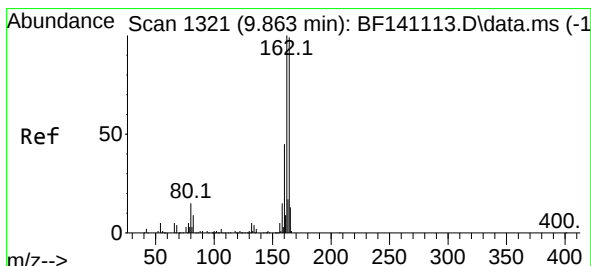
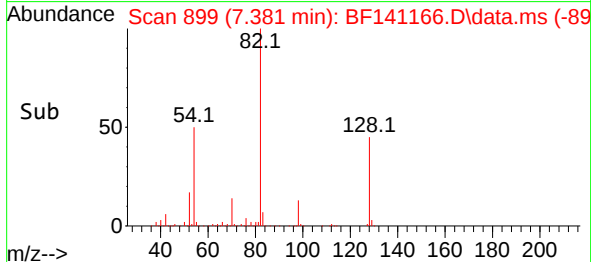
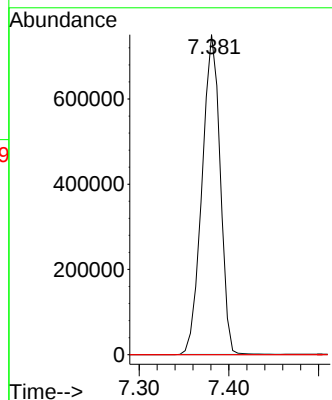
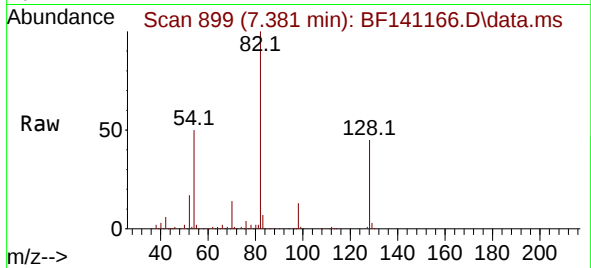




#25
Isophorone
Concen: 57.993 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.259 min
Lab File: BF141166.D
Acq: 15 Jan 2025 10:52

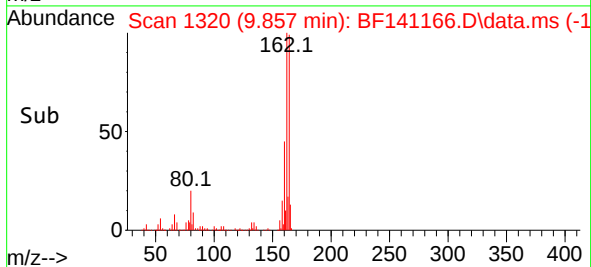
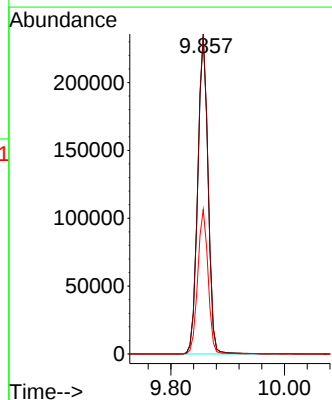
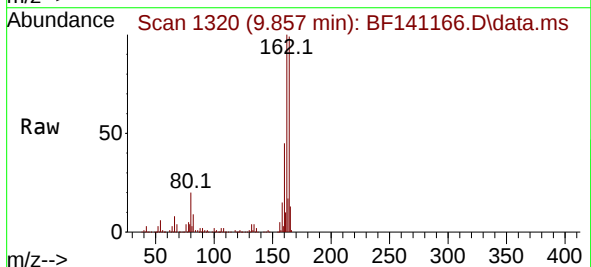
Instrument :
BNA_F
ClientSampleId :
PB166026TB

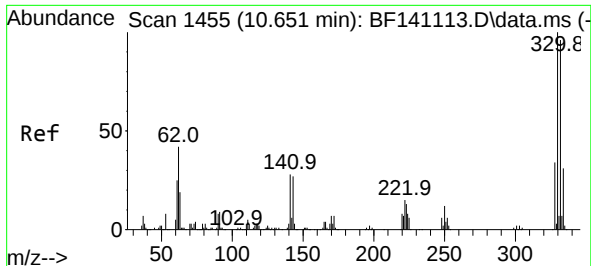
Tgt Ion: 82 Resp: 1051726
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141166.D
Acq: 15 Jan 2025 10:52

Tgt Ion:164 Resp: 296485
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 45.5 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 151.920 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF141166.D

Acq: 15 Jan 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB166026TB

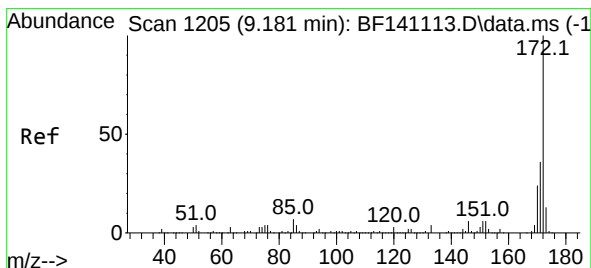
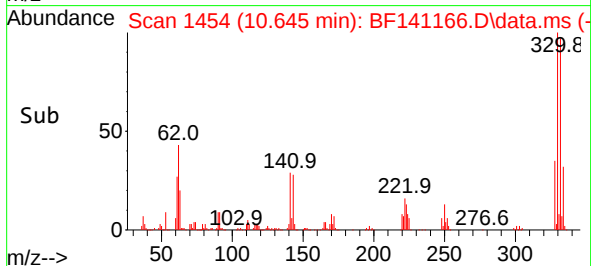
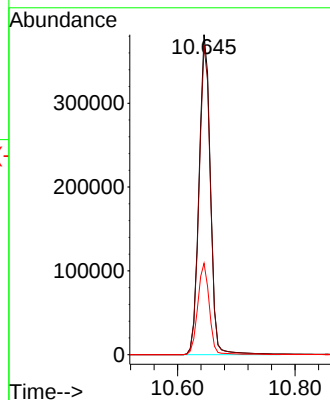
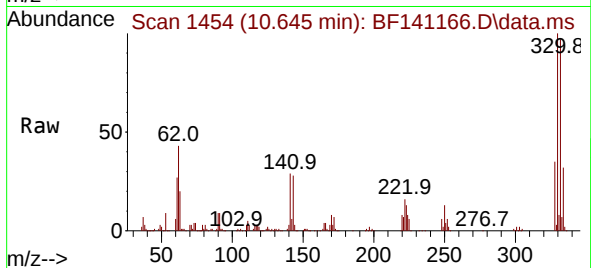
Tgt Ion:330 Resp: 513225

Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

141 28.8 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 99.647 ng

RT: 9.181 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF141166.D

Acq: 15 Jan 2025 10:52

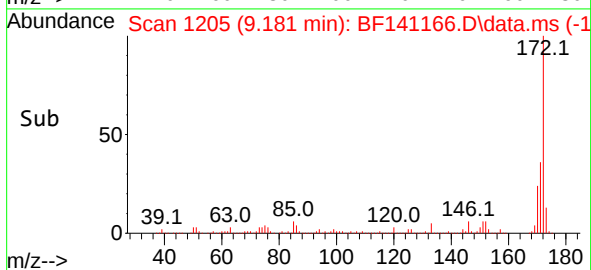
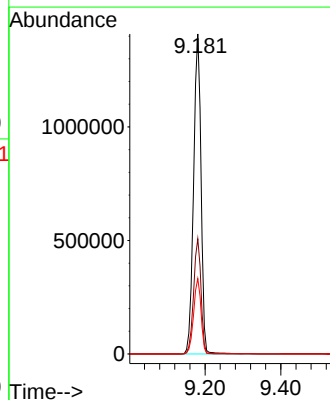
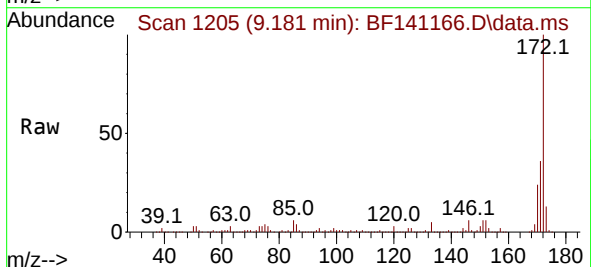
Tgt Ion:172 Resp: 1934713

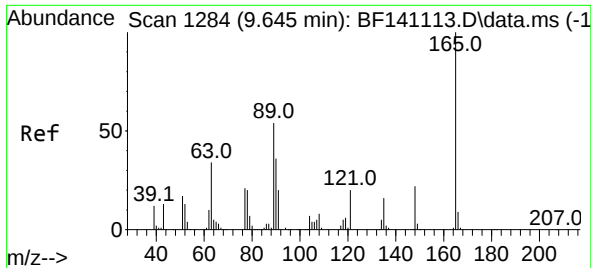
Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

170 23.6 19.0 28.6

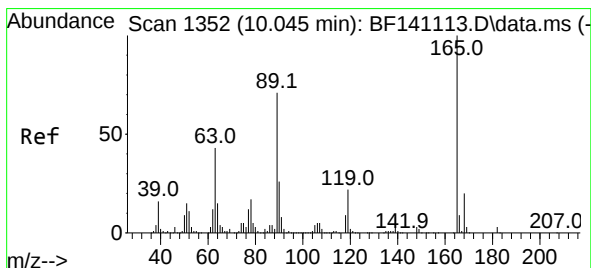
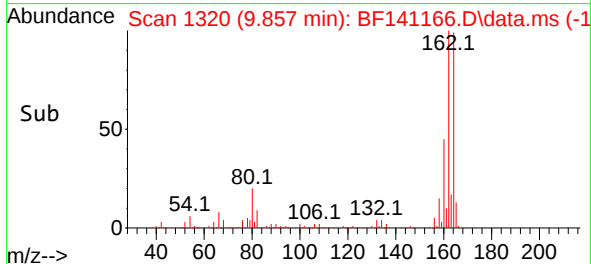
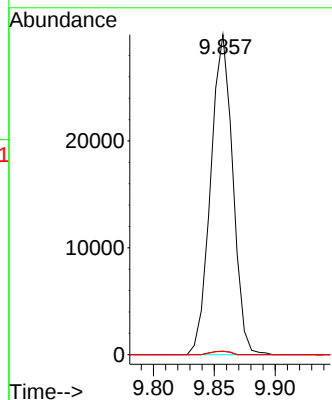
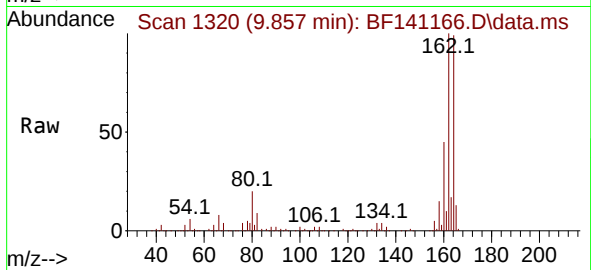




#51
2,6-Dinitrotoluene
Concen: 8.166 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF141166.D
Acq: 15 Jan 2025 10:52

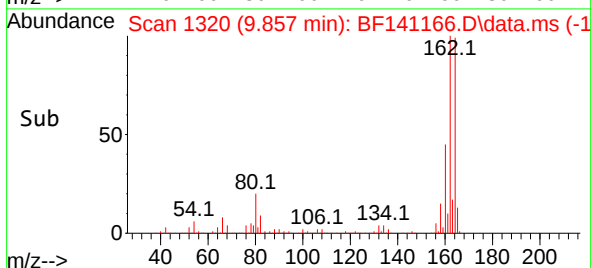
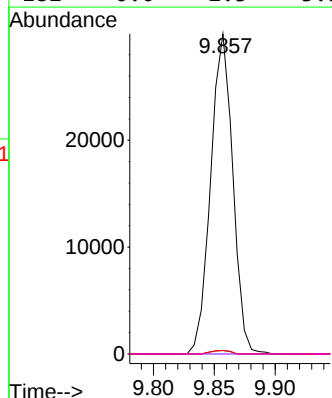
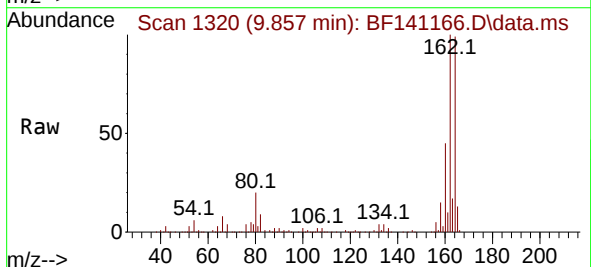
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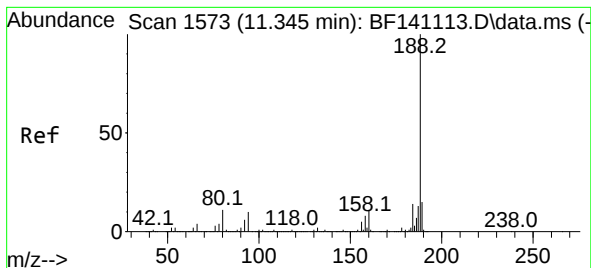
Tgt Ion:165 Resp: 37799
Ion Ratio Lower Upper
165 100
63 1.0 42.3 63.5#
89 1.1 43.1 64.7#



#57
2,4-Dinitrotoluene
Concen: 6.337 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF141166.D
Acq: 15 Jan 2025 10:52

Tgt Ion:165 Resp: 37799
Ion Ratio Lower Upper
165 100
63 1.0 35.0 52.4#
89 1.1 56.7 85.1#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141166.D

Acq: 15 Jan 2025 10:52

Instrument :

BNA_F

ClientSampleId :

PB166026TB

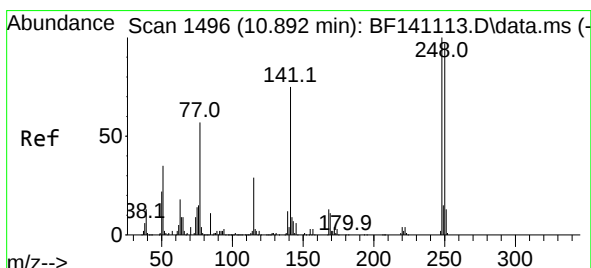
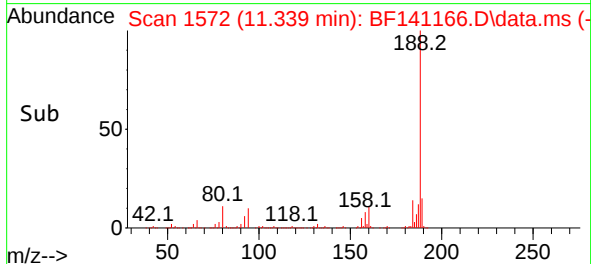
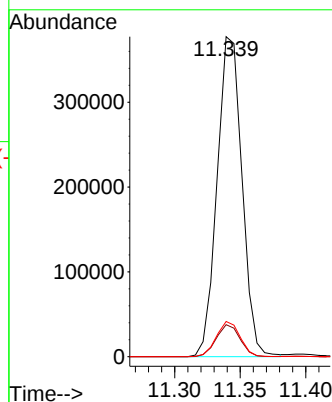
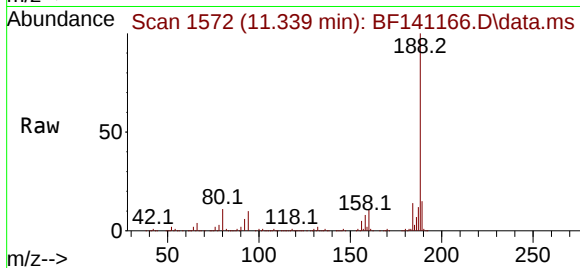
Tgt Ion:188 Resp: 497926

Ion Ratio Lower Upper

188 100

94 10.0 8.3 12.5

80 11.0 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.607 ng

RT: 10.645 min Scan# 1454

Delta R.T. -0.247 min

Lab File: BF141166.D

Acq: 15 Jan 2025 10:52

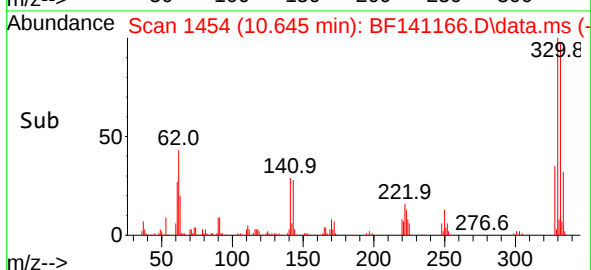
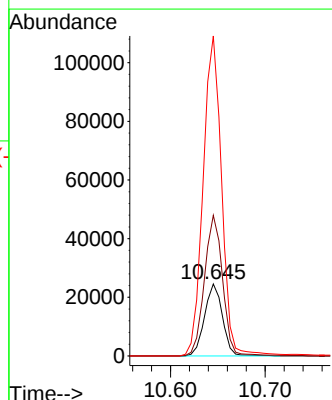
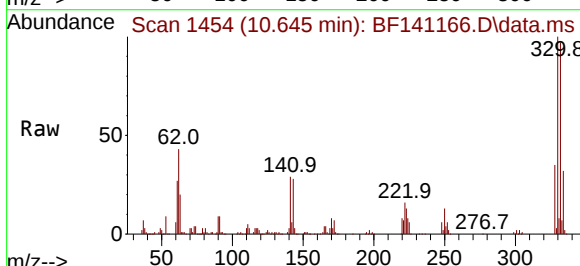
Tgt Ion:248 Resp: 32141

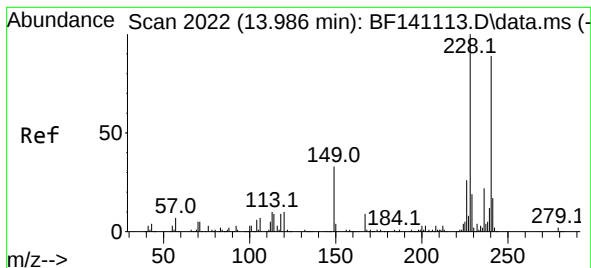
Ion Ratio Lower Upper

248 100

250 195.2 77.9 116.9#

141 444.3 59.9 89.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141166.D

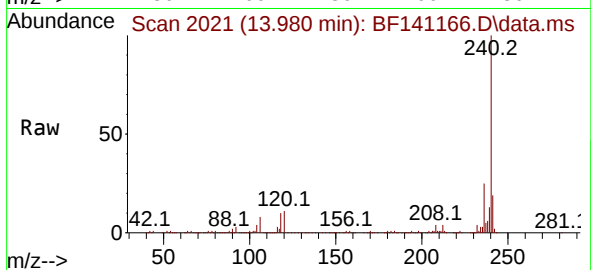
Acq: 15 Jan 2025 10:52

Instrument :

BNA_F

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PB166026TB



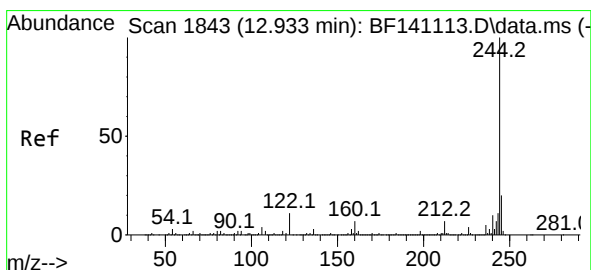
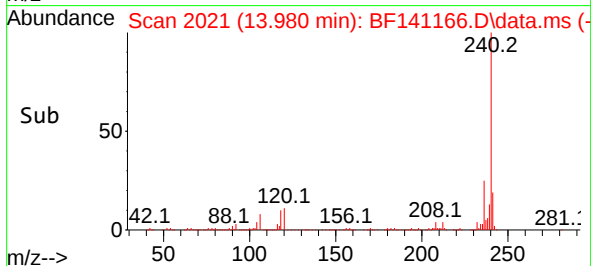
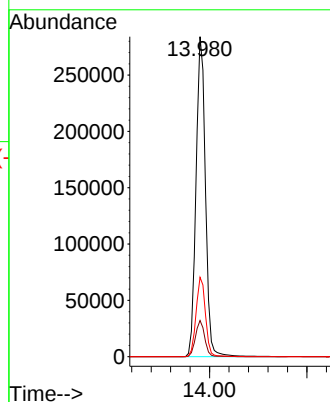
Tgt Ion:240 Resp: 383243

Ion Ratio Lower Upper

240 100

120 11.3 9.1 13.7

236 24.8 19.8 29.6



#79

Terphenyl-d14

Concen: 85.758 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF141166.D

Acq: 15 Jan 2025 10:52

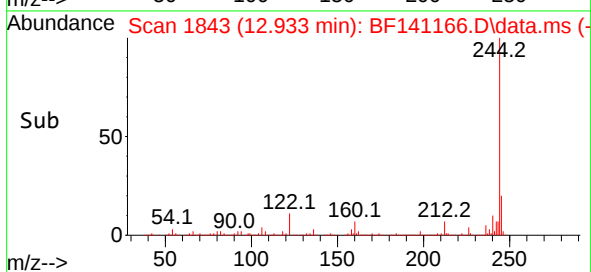
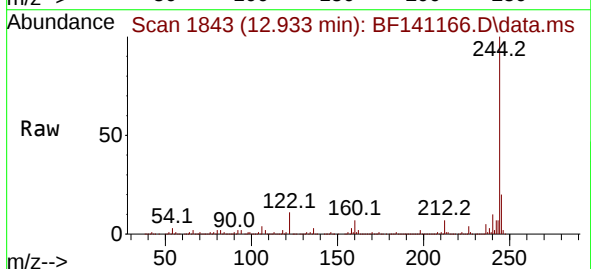
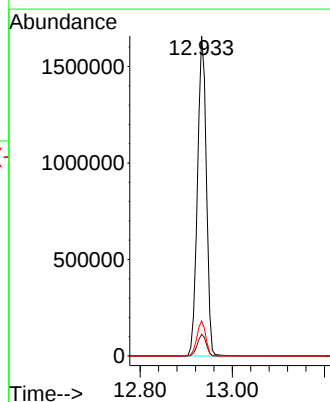
Tgt Ion:244 Resp: 2211260

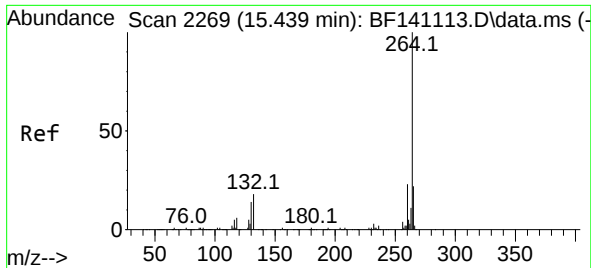
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.9 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF141166.D
 Acq: 15 Jan 2025 10:52

Instrument :
 BNA_F
 ClientSampleId :
 PB166026TB

Tgt Ion:264 Resp: 298053
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.4 17.4 26.0

