

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
 Data File : BF141164.D
 Acq On : 15 Jan 2025 10:00
 Operator : RC/JU
 Sample : PB166052BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166052BL

Quant Time: Jan 15 10:19:52 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)

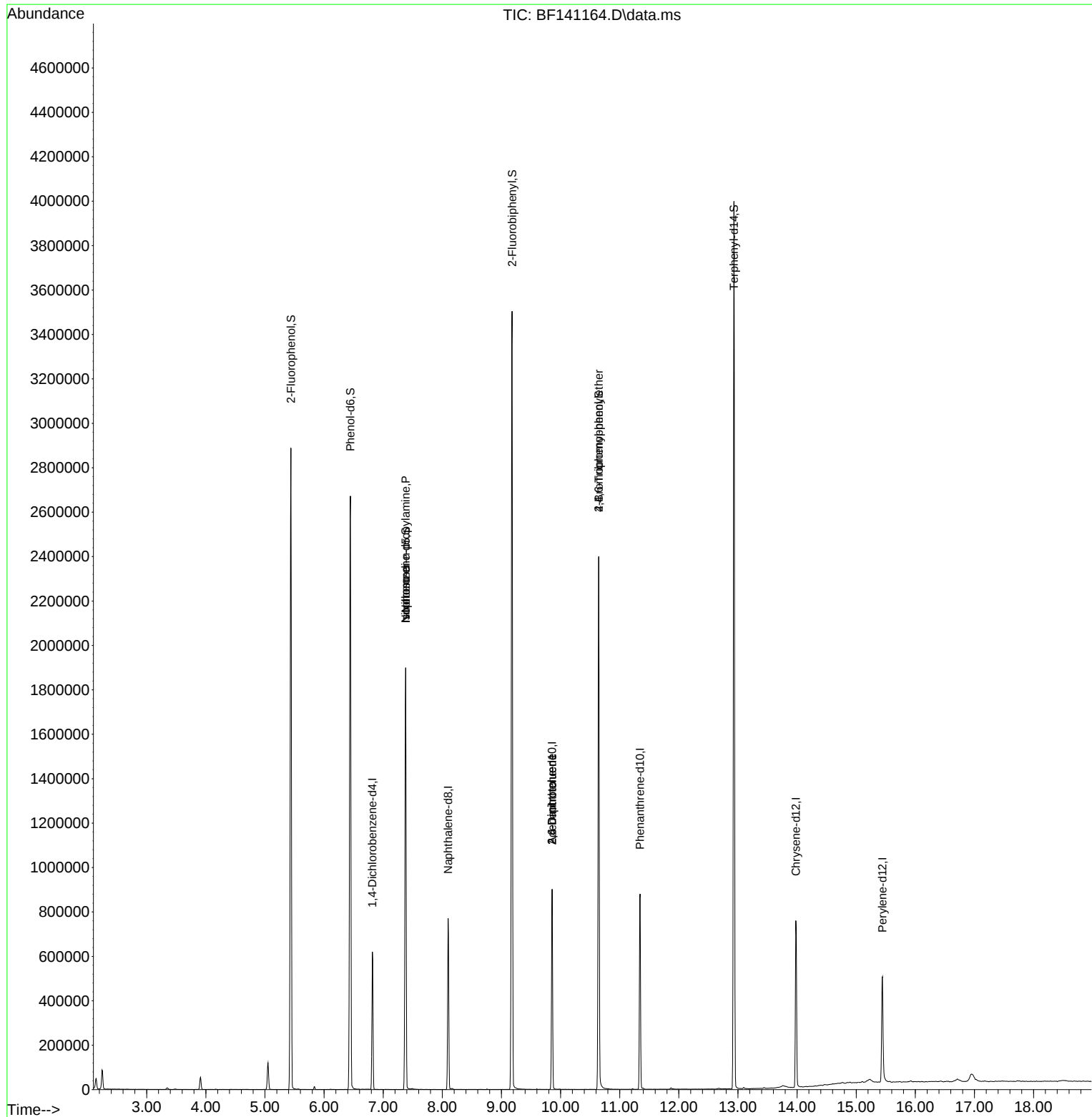
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	132008	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	515489	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	274768	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	464918	20.000	ng	0.00
76) Chrysene-d12	13.980	240	373614	20.000	ng	0.00
86) Perylene-d12	15.445	264	307204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1154532	135.107	ng	0.01
7) Phenol-d6	6.445	99	1420053	131.190	ng	0.00
23) Nitrobenzene-d5	7.381	82	916101	94.204	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	456407	145.780	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1692084	94.039	ng	0.00
79) Terphenyl-d14	12.933	244	2015340	80.174	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	122770	19.254	ng	Qvalue # 76
25) Isophorone	7.381	82	909807	54.745	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	34831	8.120	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	34831	6.301	ng	# 24
67) 4-Bromophenyl-phenylether	10.645	248	27330	5.106	ng	# 1

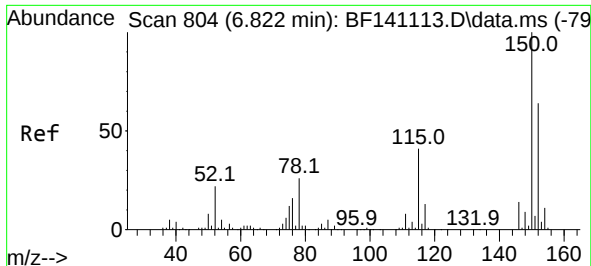
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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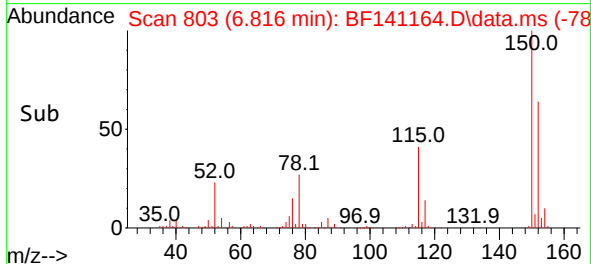
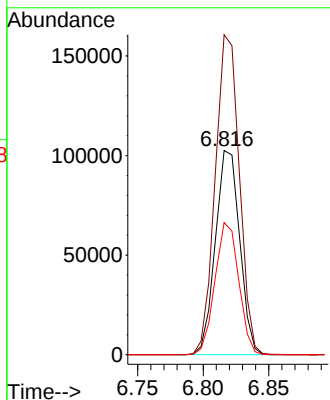
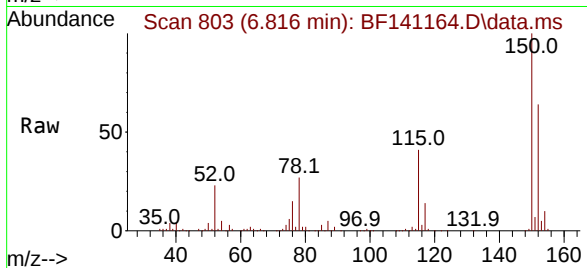




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF141164.D
Acq: 15 Jan 2025 10:00

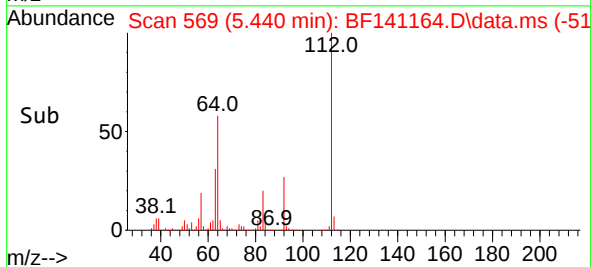
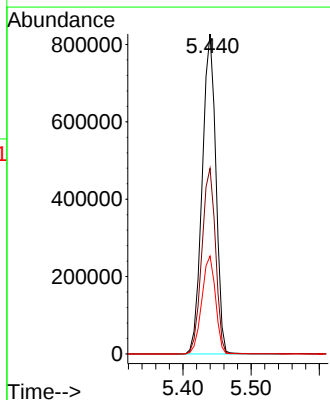
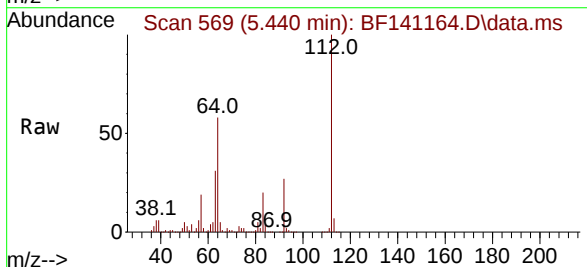
Instrument :
BNA_F
ClientSampleId :
PB166052BL

Tgt Ion:152 Resp: 132008
Ion Ratio Lower Upper
152 100
150 156.7 125.8 188.8
115 64.7 51.4 77.2



#5
2-Fluorophenol
Concen: 135.107 ng
RT: 5.440 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF141164.D
Acq: 15 Jan 2025 10:00

Tgt Ion:112 Resp: 1154532
Ion Ratio Lower Upper
112 100
64 58.0 47.3 70.9
63 30.6 24.2 36.2

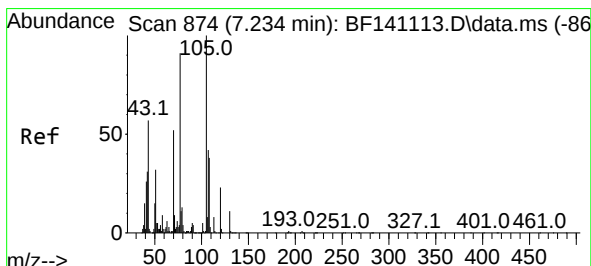
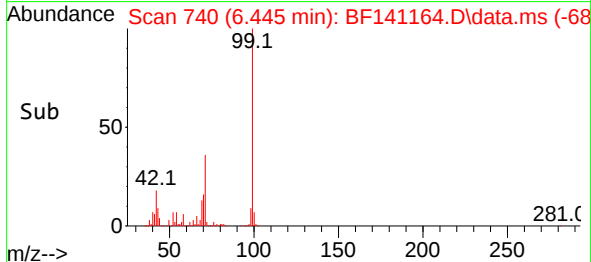
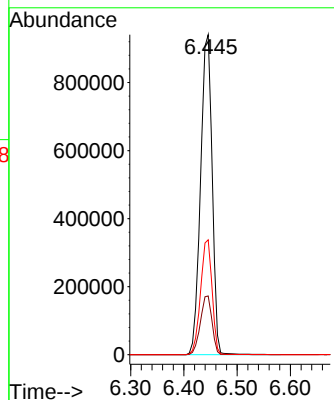
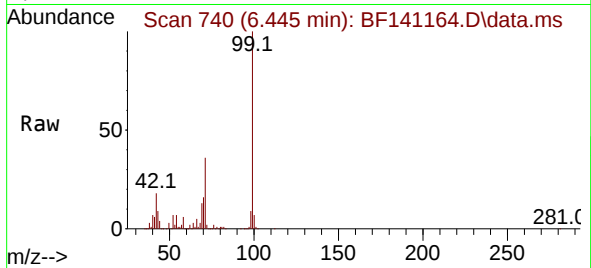




#7
Phenol-d6
Concen: 131.190 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141164.D
Acq: 15 Jan 2025 10:00

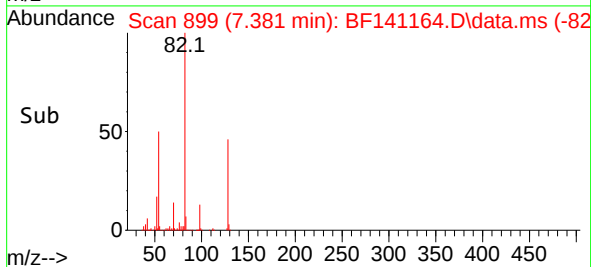
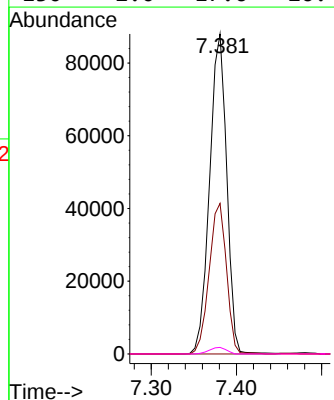
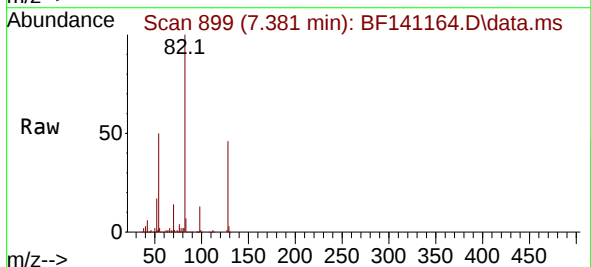
Instrument :
BNA_F
ClientSampleId :
PB166052BL

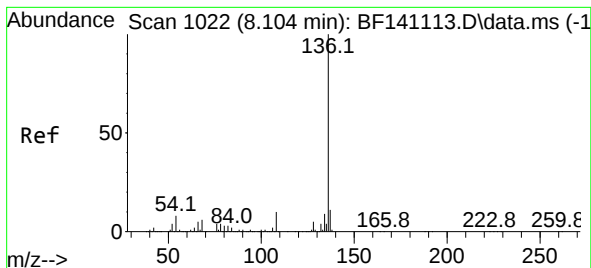
Tgt Ion: 99 Resp: 1420053
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.4
71 35.9 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.254 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF141164.D
Acq: 15 Jan 2025 10:00

Tgt Ion: 70 Resp: 122770
Ion Ratio Lower Upper
70 100
42 47.0 47.8 71.6#
101 0.0 7.9 11.9#
130 2.0 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: BF141164.D

Acq: 15 Jan 2025 10:00

Instrument :

BNA_F

ClientSampleId :

PB166052BL

Tgt Ion:136 Resp: 515489

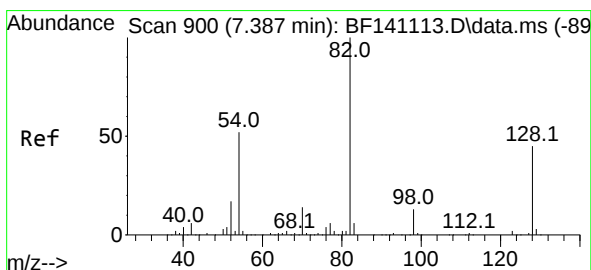
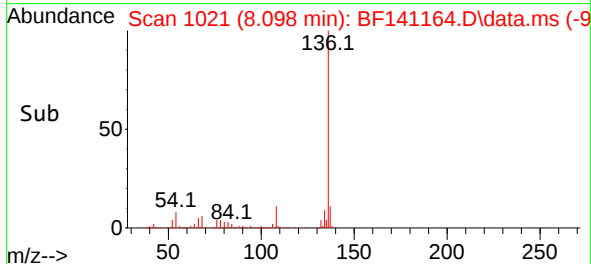
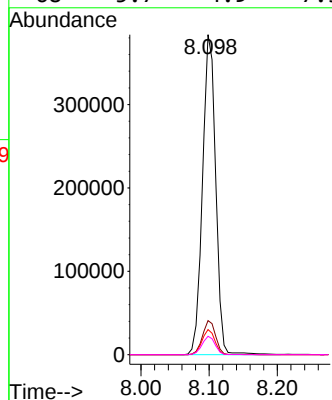
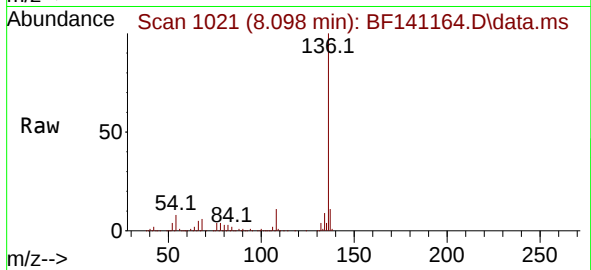
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.9 6.3 9.5

68 5.7 4.9 7.3



#23

Nitrobenzene-d5

Concen: 94.204 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF141164.D

Acq: 15 Jan 2025 10:00

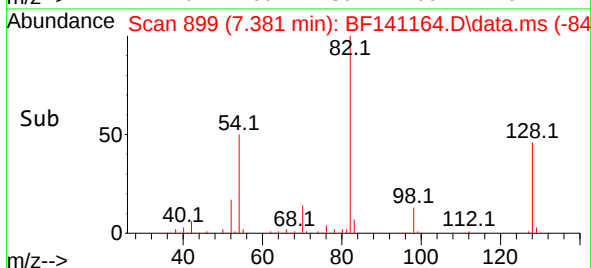
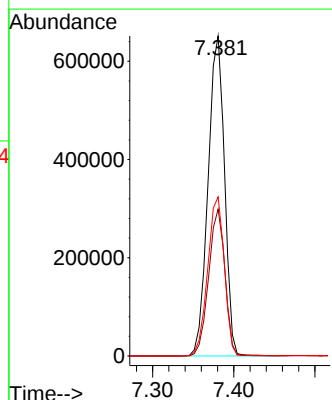
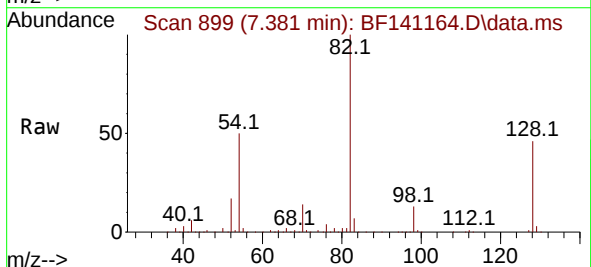
Tgt Ion: 82 Resp: 916101

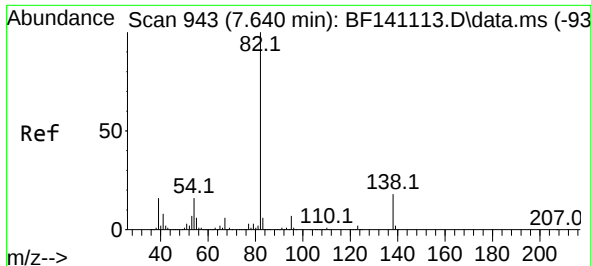
Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

54 49.7 41.0 61.4

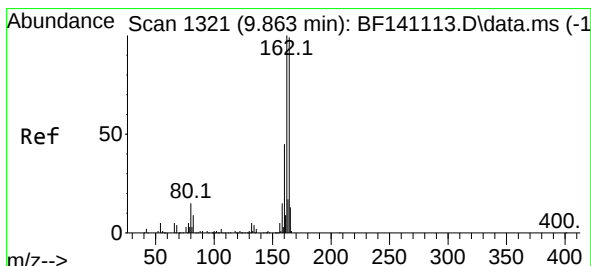
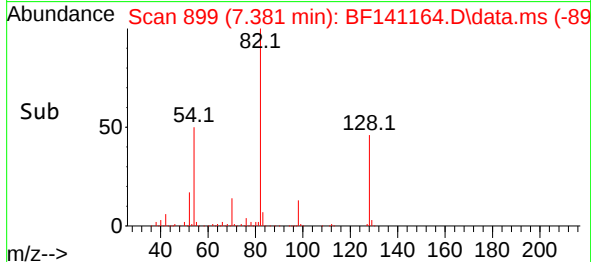
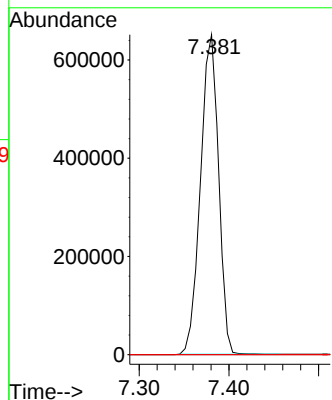
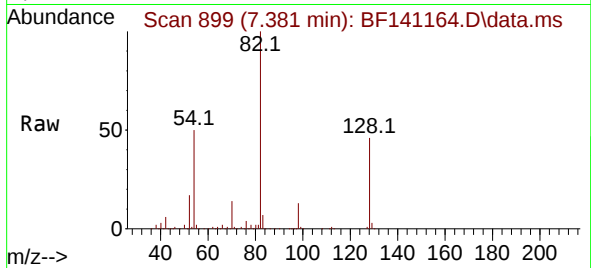




#25
Isophorone
Concen: 54.745 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.259 min
Lab File: BF141164.D
Acq: 15 Jan 2025 10:00

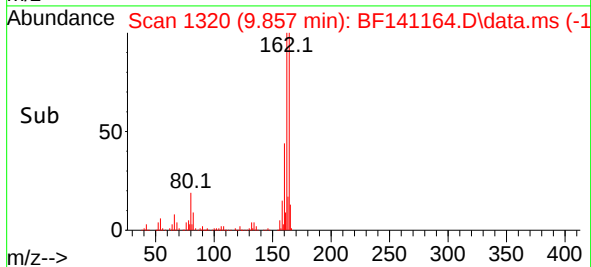
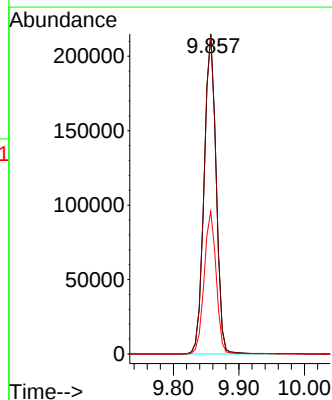
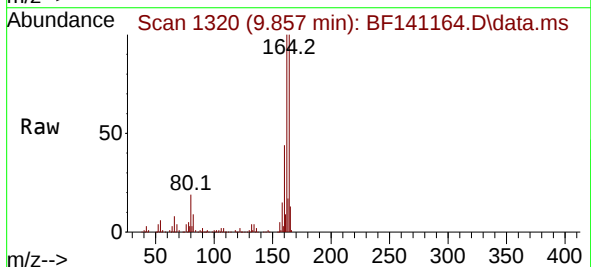
Instrument :
BNA_F
ClientSampleId :
PB166052BL

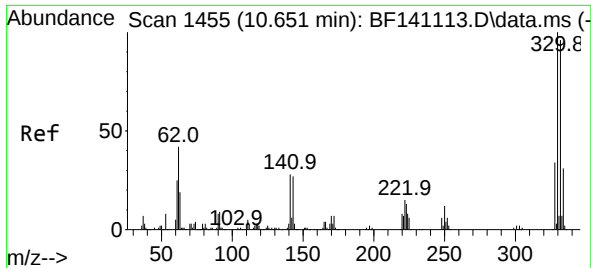
Tgt Ion: 82 Resp: 909807
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141164.D
Acq: 15 Jan 2025 10:00

Tgt Ion:164 Resp: 274768
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.4
160 44.5 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 145.780 ng

RT: 10.645 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF141164.D

Acq: 15 Jan 2025 10:00

Instrument :

BNA_F

ClientSampleId :

PB166052BL

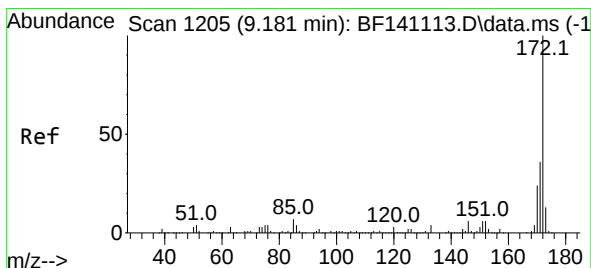
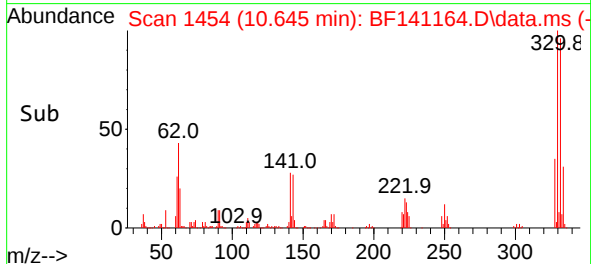
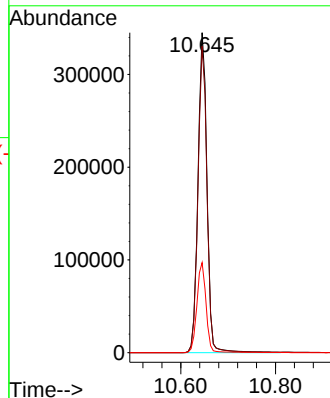
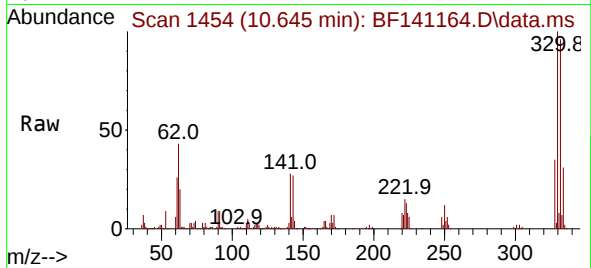
Tgt Ion:330 Resp: 456407

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

141 28.8 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 94.039 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF141164.D

Acq: 15 Jan 2025 10:00

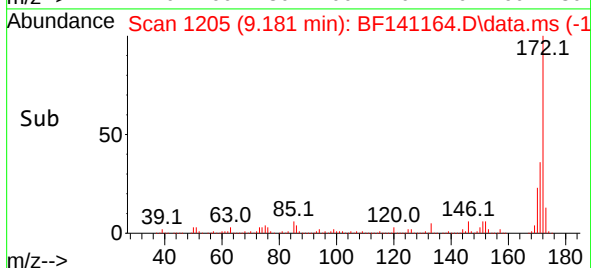
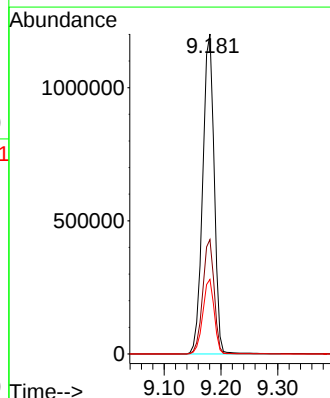
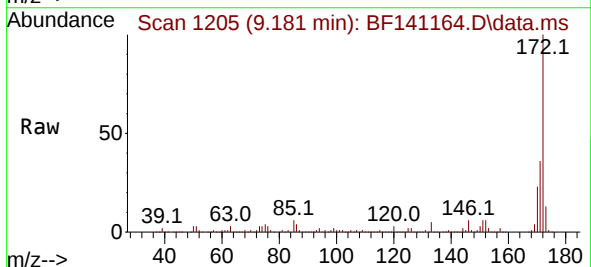
Tgt Ion:172 Resp: 1692084

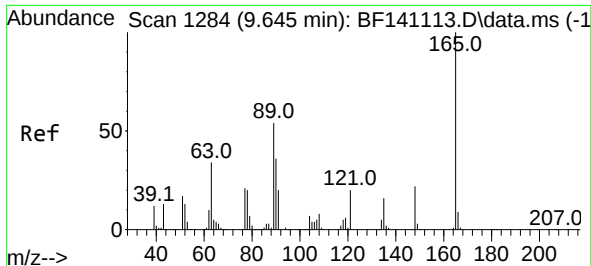
Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.3 19.0 28.6

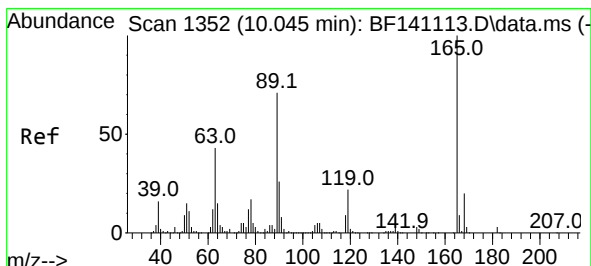
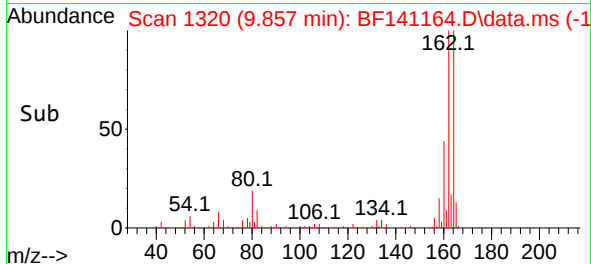
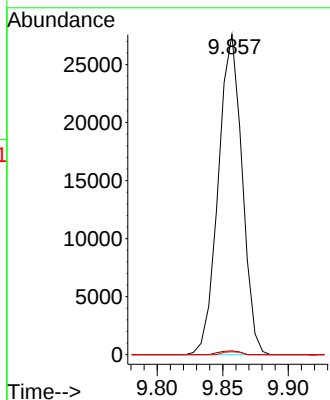
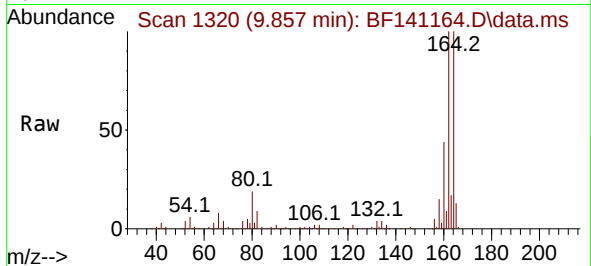




#51
2,6-Dinitrotoluene
Concen: 8.120 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF141164.D
Acq: 15 Jan 2025 10:00

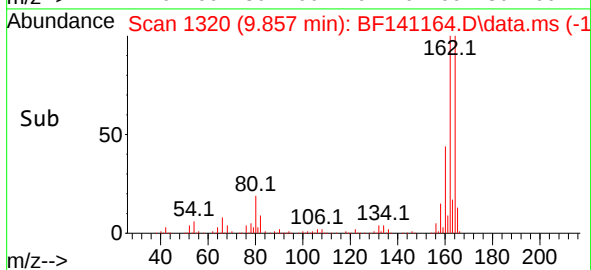
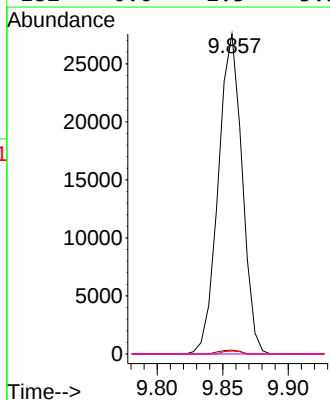
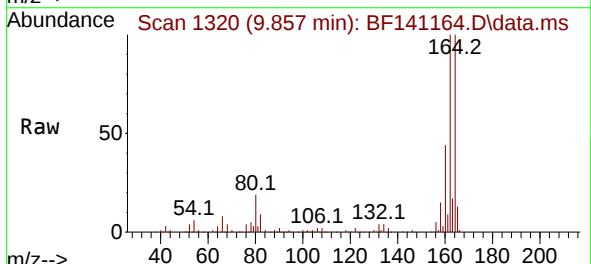
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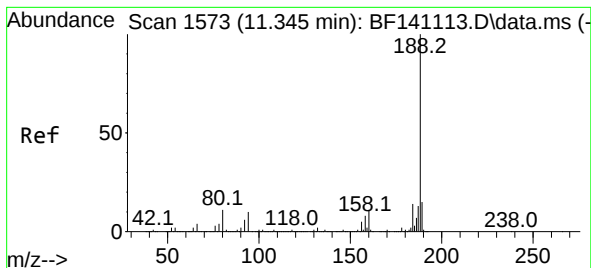
Tgt Ion:165 Resp: 34831
Ion Ratio Lower Upper
165 100
63 1.2 42.3 63.5#
89 0.9 43.1 64.7#



#57
2,4-Dinitrotoluene
Concen: 6.301 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF141164.D
Acq: 15 Jan 2025 10:00

Tgt Ion:165 Resp: 34831
Ion Ratio Lower Upper
165 100
63 1.2 35.0 52.4#
89 0.9 56.7 85.1#
182 0.0 2.3 3.5#

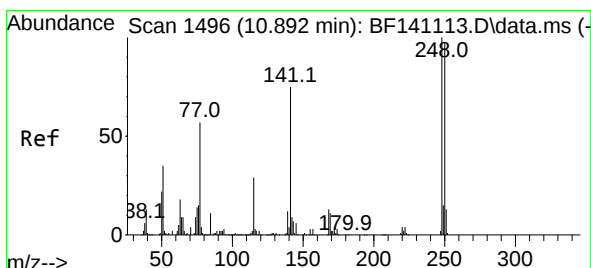
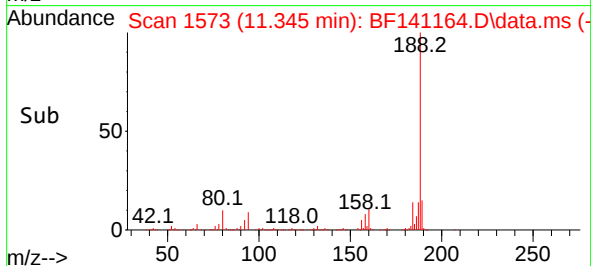
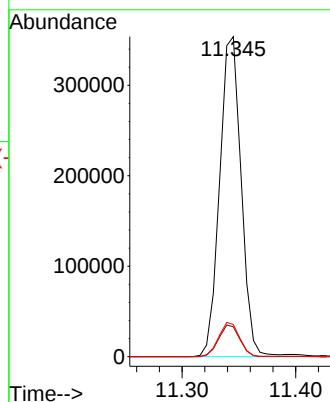
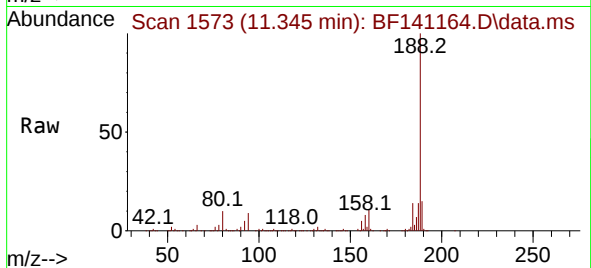




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141164.D
Acq: 15 Jan 2025 10:00

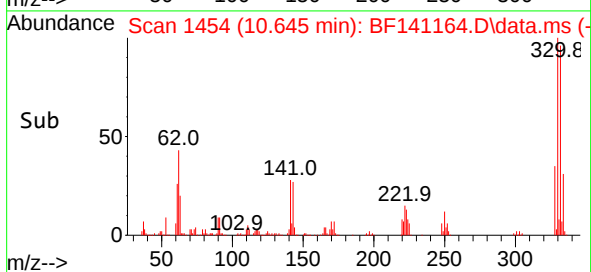
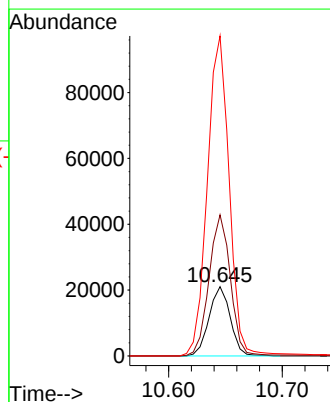
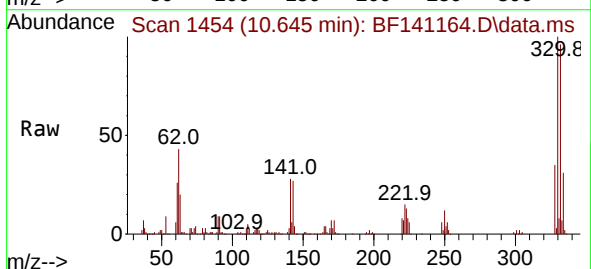
Instrument :
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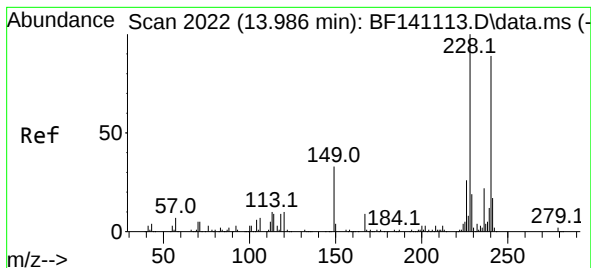
Tgt Ion:188 Resp: 464918
Ion Ratio Lower Upper
188 100
94 9.4 8.3 12.5
80 10.0 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 5.106 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF141164.D
Acq: 15 Jan 2025 10:00

Tgt Ion:248 Resp: 27330
Ion Ratio Lower Upper
248 100
250 203.5 77.9 116.9#
141 461.8 59.9 89.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF141164.D

Acq: 15 Jan 2025 10:00

Instrument :

BNA_F

ClientSampleId :

PB166052BL

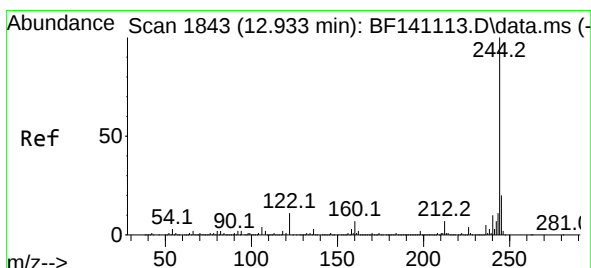
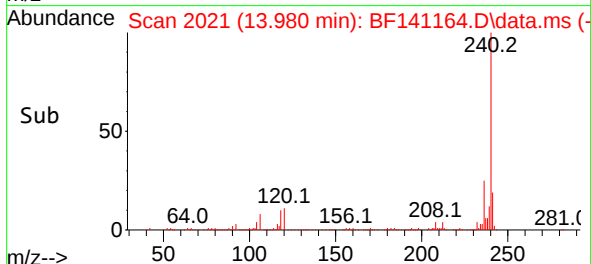
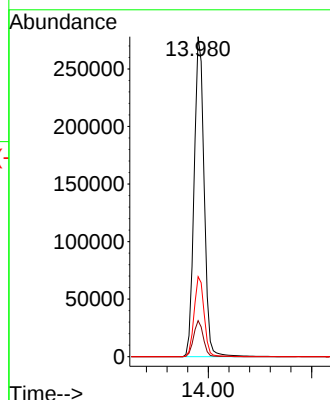
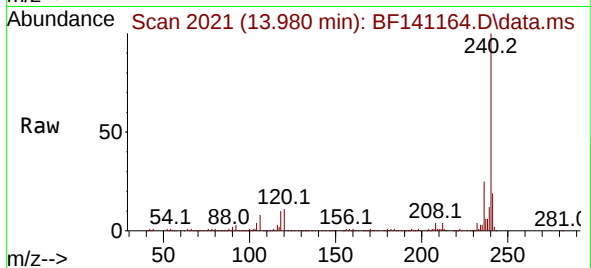
Tgt Ion:240 Resp: 373614

Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

236 25.0 19.8 29.6



#79

Terphenyl-d14

Concen: 80.174 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF141164.D

Acq: 15 Jan 2025 10:00

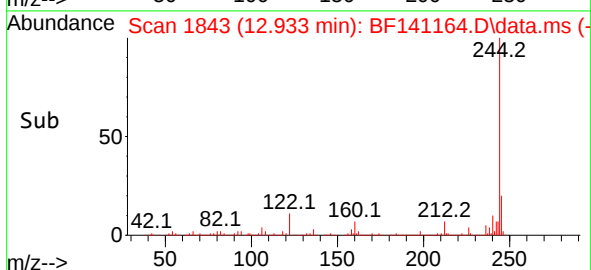
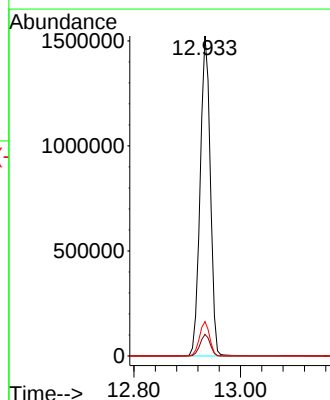
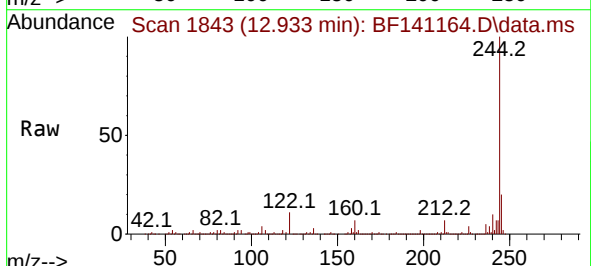
Tgt Ion:244 Resp: 2015340

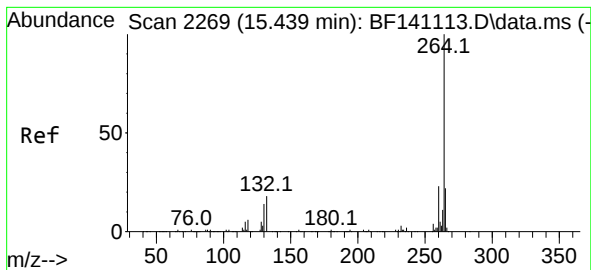
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

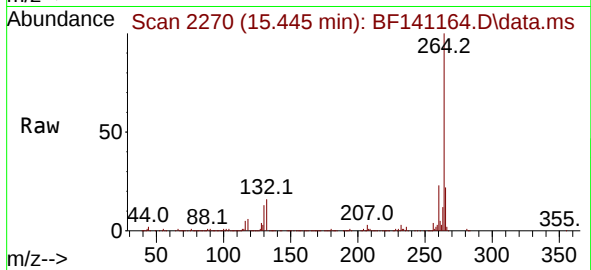
122 10.8 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141164.D
Acq: 15 Jan 2025 10:00

Instrument :
BNA_F
ClientSampleId :
PB166052BL



Tgt Ion:264 Resp: 307204

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.5	17.4	26.0

