

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
 Data File : BF140796.D
 Acq On : 10 Dec 2024 10:31
 Operator : RC/JU
 Sample : PB165477BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165477BL

Quant Time: Dec 10 13:07:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

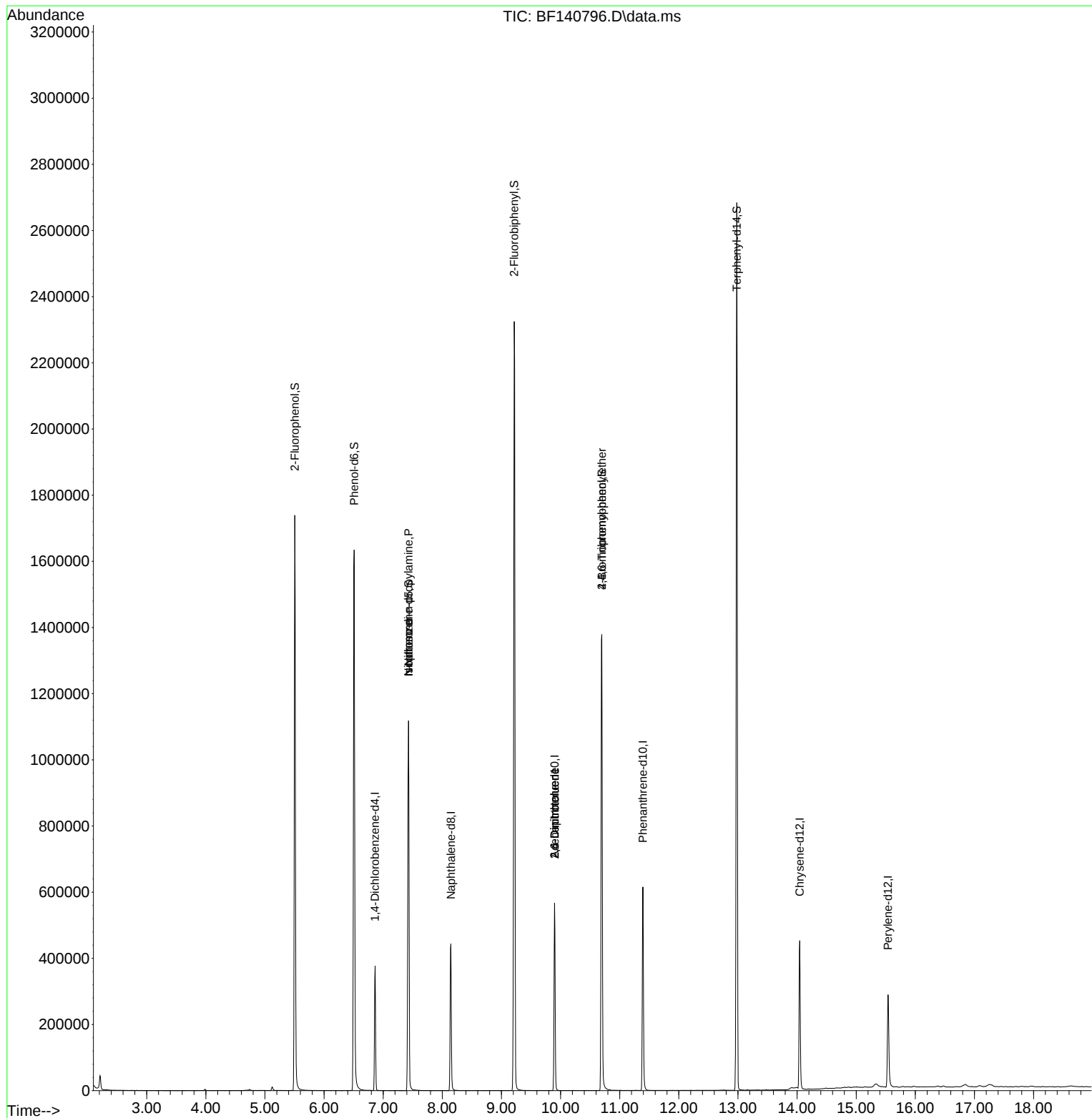
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	82317	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	313337	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	179786	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	357416	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	238992	20.000	ng	0.00
86) Perylene-d12	15.539	264	189433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	675291	139.970	ng	0.00
7) Phenol-d6	6.510	99	864510	135.542	ng	0.00
23) Nitrobenzene-d5	7.428	82	561442	91.652	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	269497	140.157	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1120257	92.839	ng	-0.02
79) Terphenyl-d14	12.980	244	1380772	89.963	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	75423	20.009	ng	# 74
25) Isophorone	7.428	82	557435	54.558	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	22603	8.417	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	22603	6.333	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	17840	4.847	ng	# 1

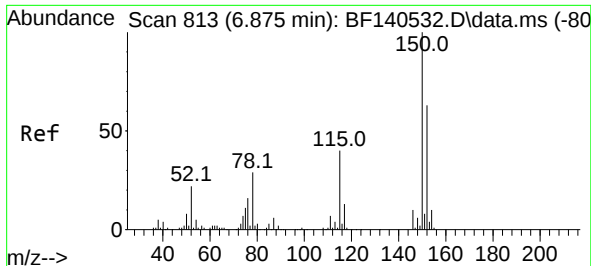
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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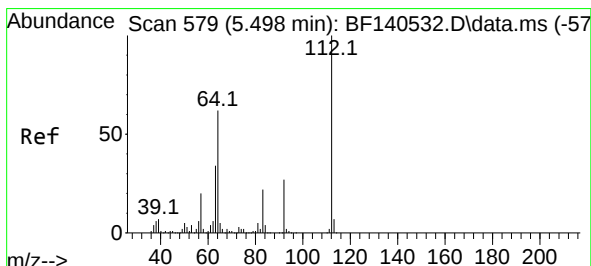
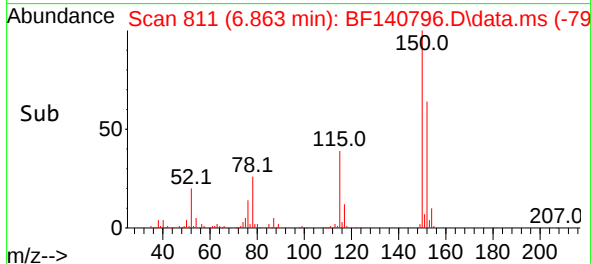
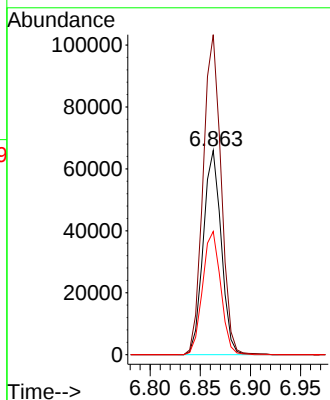
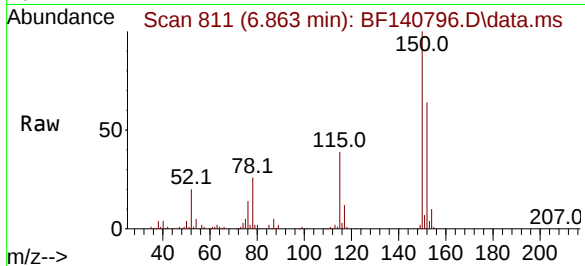




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140796.D
Acq: 10 Dec 2024 10:31

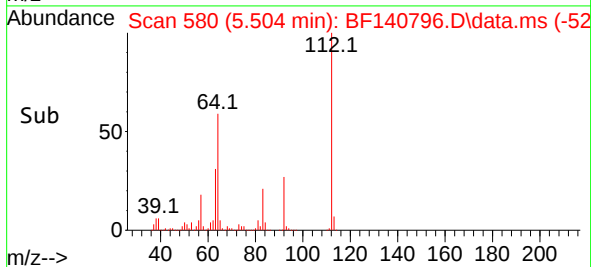
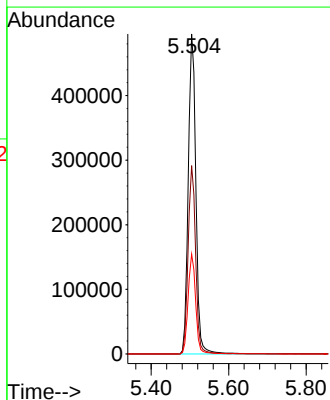
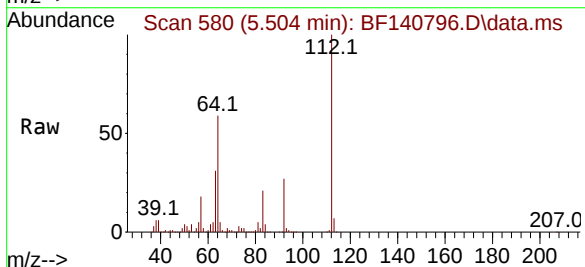
Instrument :
BNA_F
ClientSampleId :
PB165477BL

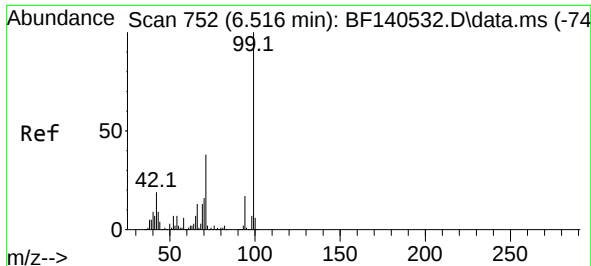
Tgt Ion:152 Resp: 82317
Ion Ratio Lower Upper
152 100
150 156.7 128.5 192.7
115 60.3 50.2 75.4



#5
2-Fluorophenol
Concen: 139.970 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140796.D
Acq: 10 Dec 2024 10:31

Tgt Ion:112 Resp: 675291
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 31.2 27.0 40.4

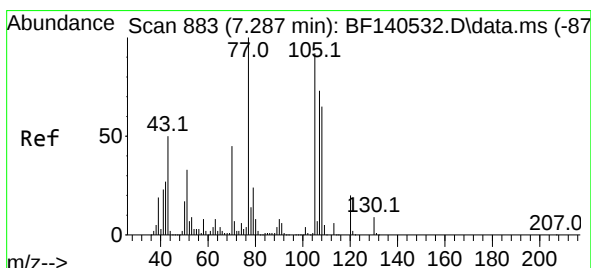
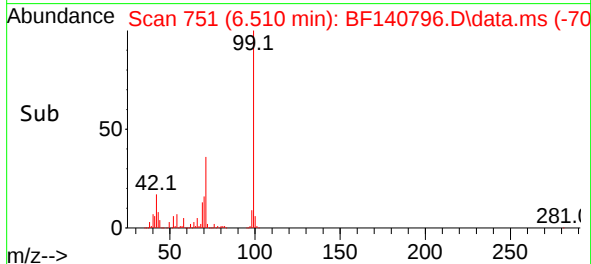
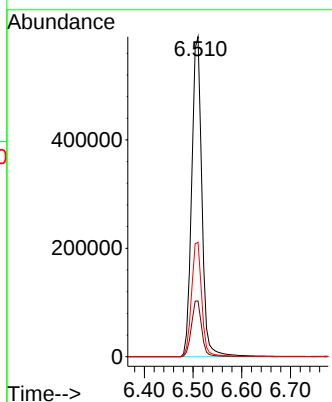
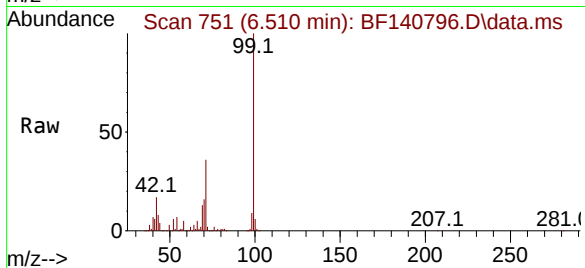




#7
Phenol-d6
Concen: 135.542 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140796.D
Acq: 10 Dec 2024 10:31

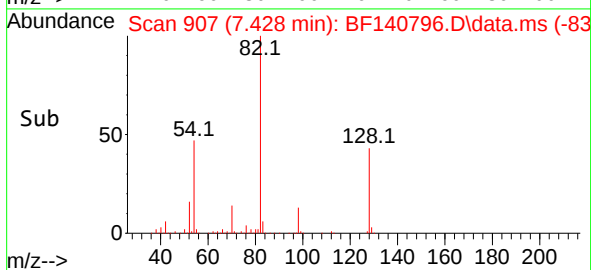
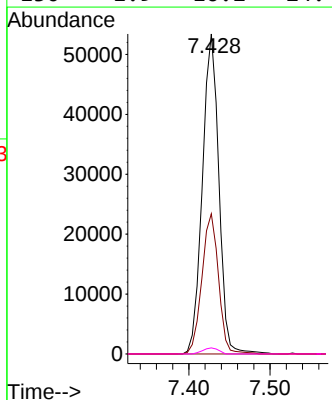
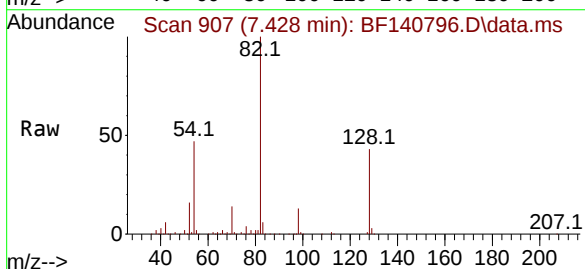
Instrument :
BNA_F
ClientSampleId :
PB165477BL

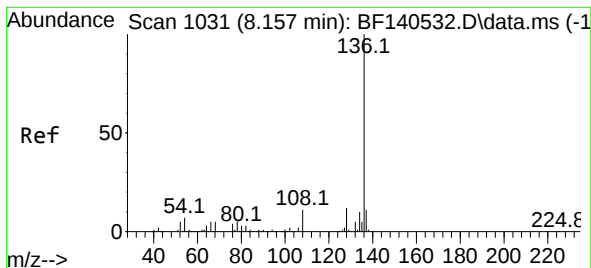
Tgt Ion: 99 Resp: 864510
Ion Ratio Lower Upper
99 100
42 17.4 15.4 23.0
71 35.7 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.009 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140796.D
Acq: 10 Dec 2024 10:31

Tgt Ion: 70 Resp: 75423
Ion Ratio Lower Upper
70 100
42 43.8 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1031

Delta R.T. -0.012 min

Lab File: BF140796.D

Acq: 10 Dec 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB165477BL

Tgt Ion:136 Resp: 313337

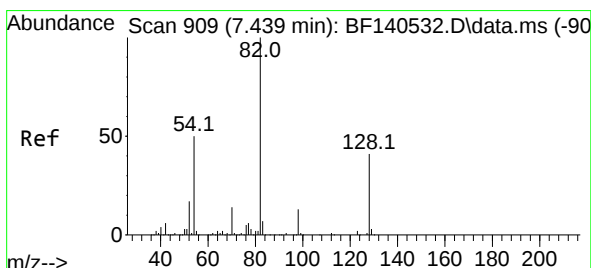
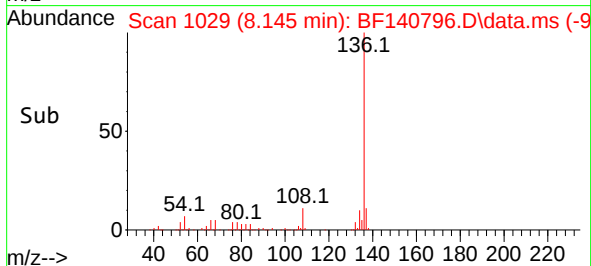
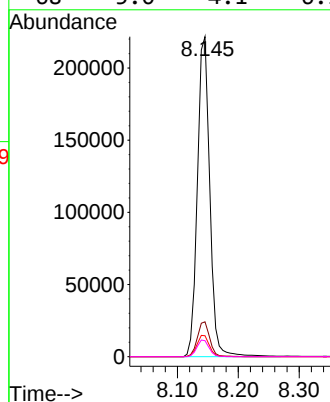
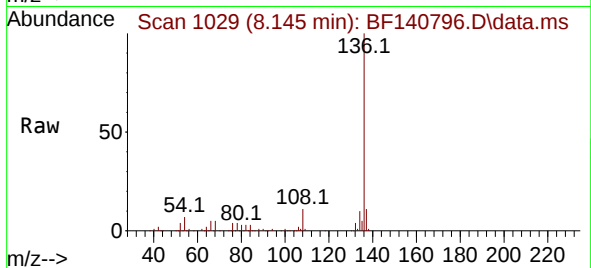
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 6.5 5.8 8.8

68 5.0 4.1 6.1



#23

Nitrobenzene-d5

Concen: 91.652 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF140796.D

Acq: 10 Dec 2024 10:31

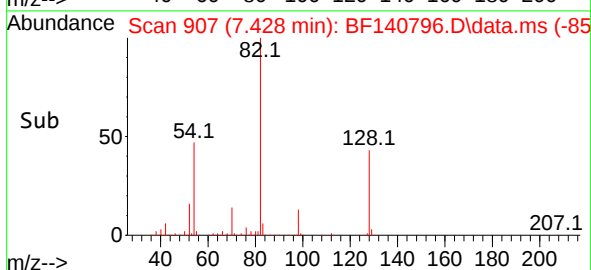
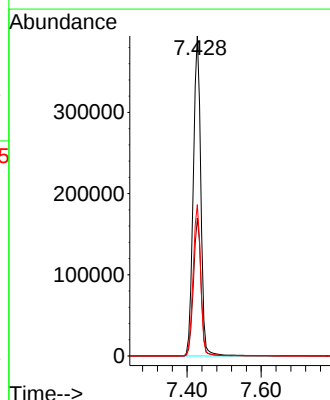
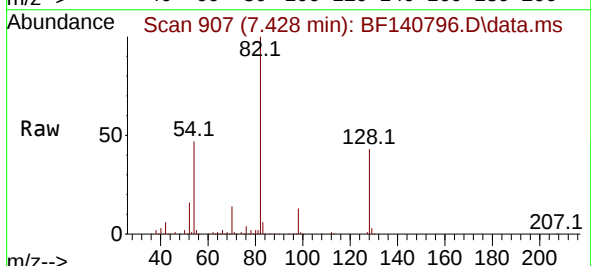
Tgt Ion: 82 Resp: 561442

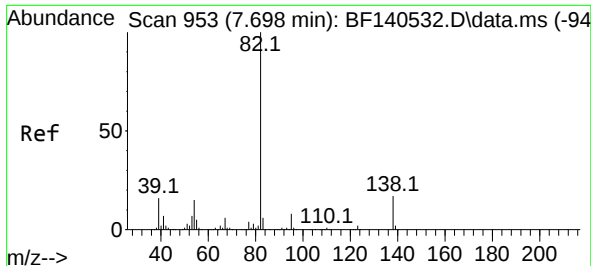
Ion Ratio Lower Upper

82 100

128 43.1 33.0 49.4

54 47.3 39.5 59.3

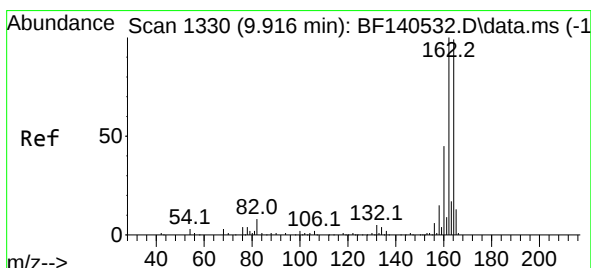
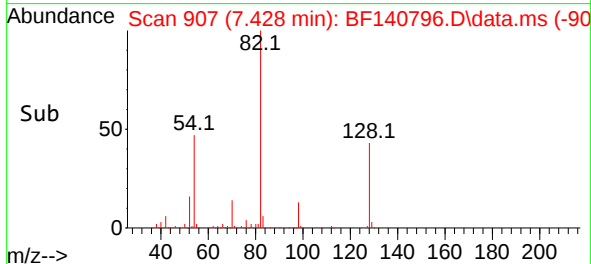
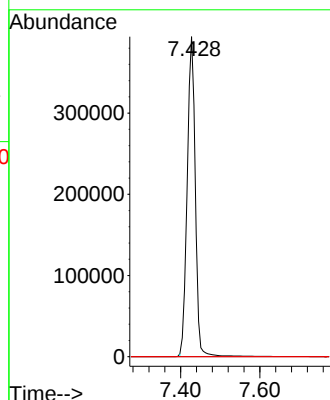
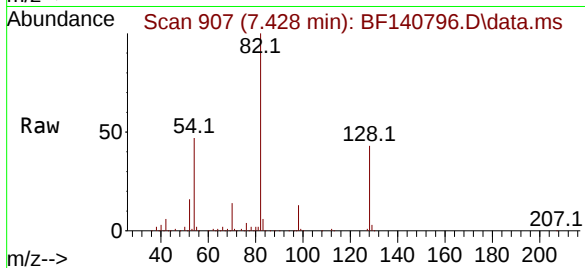




#25
Isophorone
Concen: 54.558 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140796.D
Acq: 10 Dec 2024 10:31

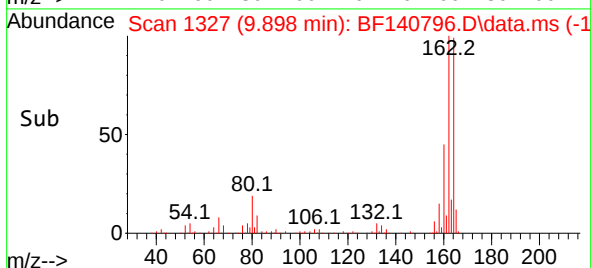
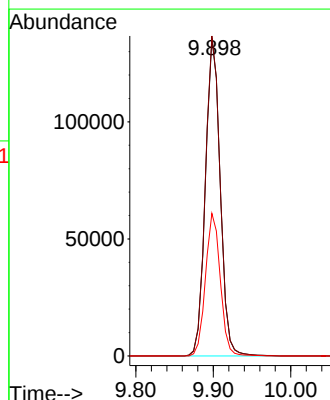
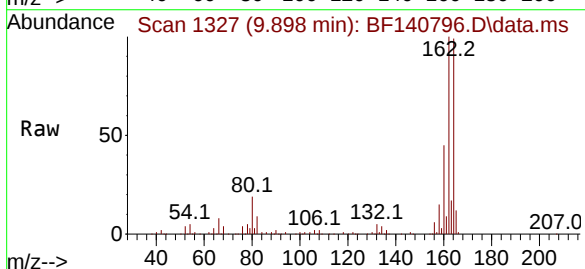
Instrument :
BNA_F
ClientSampleId :
PB165477BL

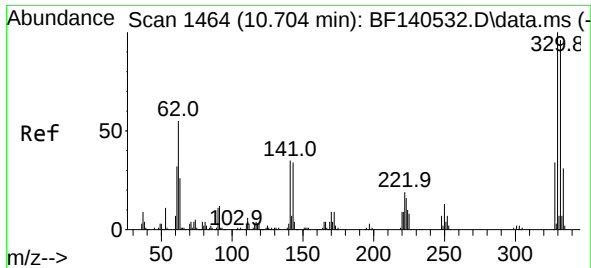
Tgt Ion: 82 Resp: 557435
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140796.D
Acq: 10 Dec 2024 10:31

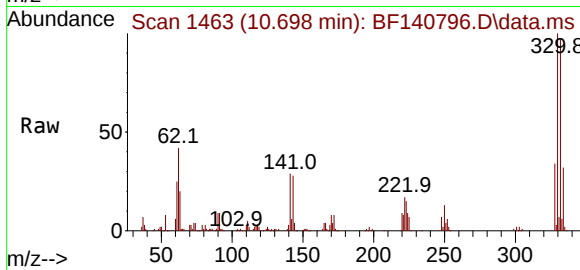
Tgt Ion:164 Resp: 179786
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 44.9 36.2 54.4



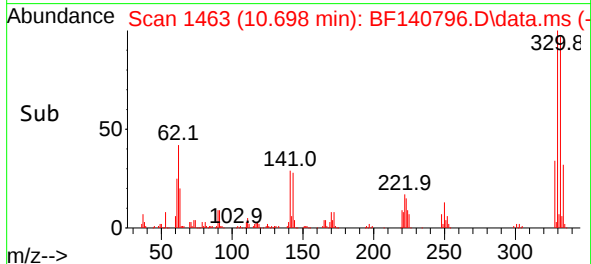
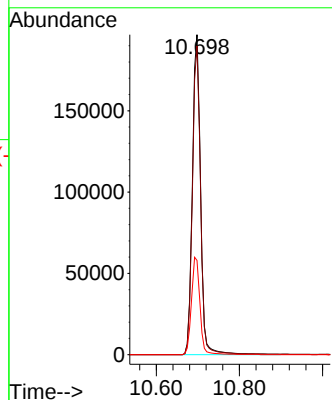


#42
2,4,6-Tribromophenol
Concen: 140.157 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140796.D
Acq: 10 Dec 2024 10:31

Instrument :
BNA_F
ClientSampleId :
PB165477BL

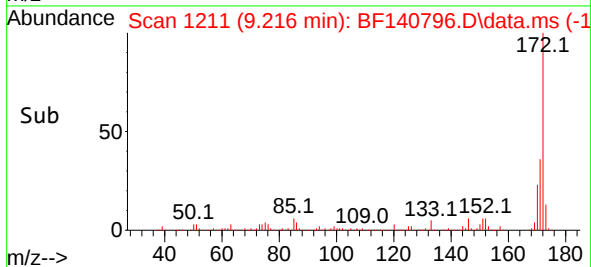
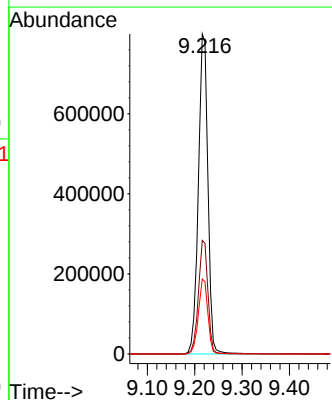
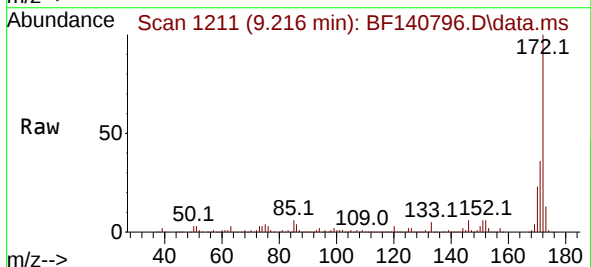


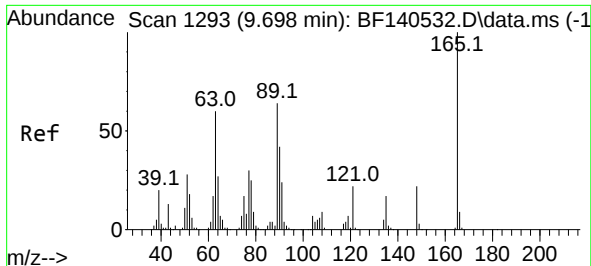
Tgt Ion:330 Resp: 269497
Ion Ratio Lower Upper
330 100
332 95.4 76.9 115.3
141 31.5 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 92.839 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BF140796.D
Acq: 10 Dec 2024 10:31

Tgt Ion:172 Resp: 1120257
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.4 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.417 ng

RT: 9.898 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF140796.D

Acq: 10 Dec 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB165477BL

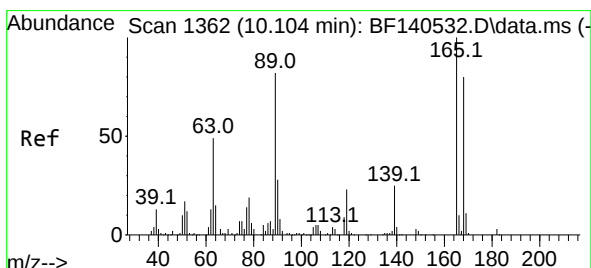
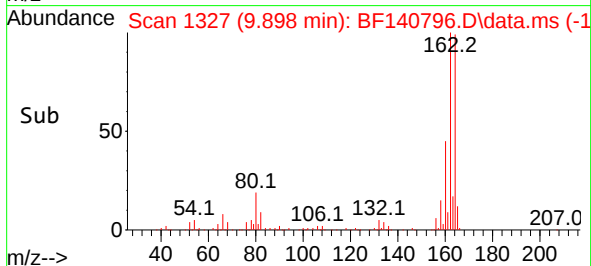
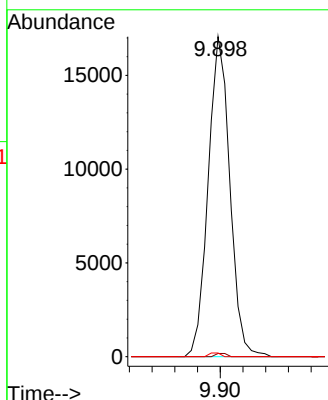
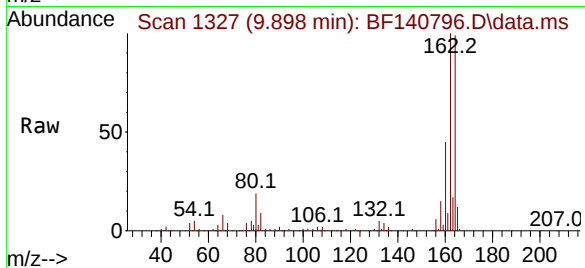
Tgt Ion:165 Resp: 22603

Ion Ratio Lower Upper

165 100

63 1.0 49.9 74.9#

89 1.2 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.333 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.206 min

Lab File: BF140796.D

Acq: 10 Dec 2024 10:31

Tgt Ion:165 Resp: 22603

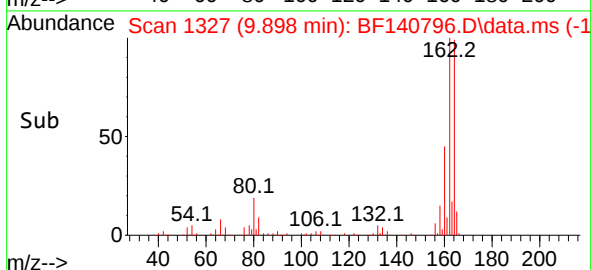
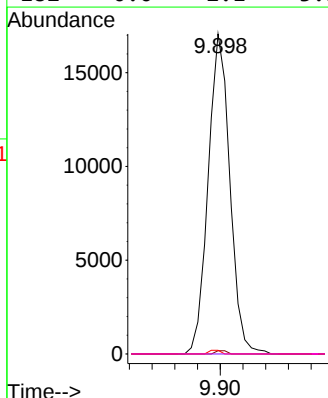
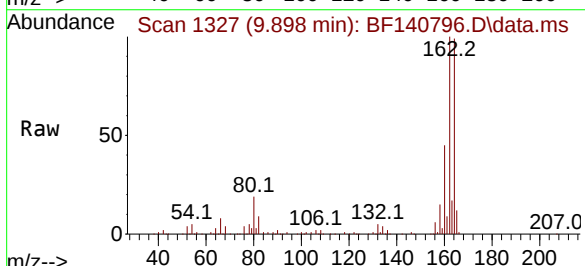
Ion Ratio Lower Upper

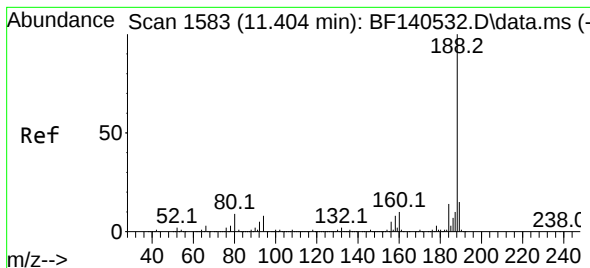
165 100

63 1.0 41.7 62.5#

89 1.2 65.8 98.8#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140796.D

Acq: 10 Dec 2024 10:31

Instrument :

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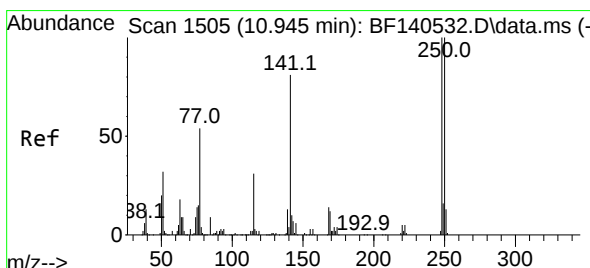
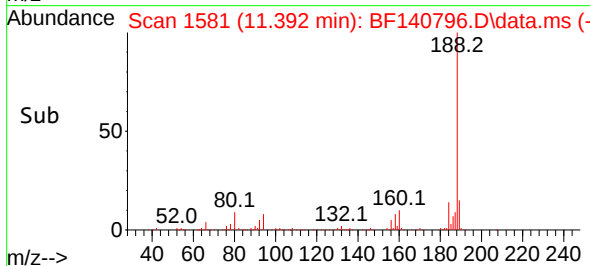
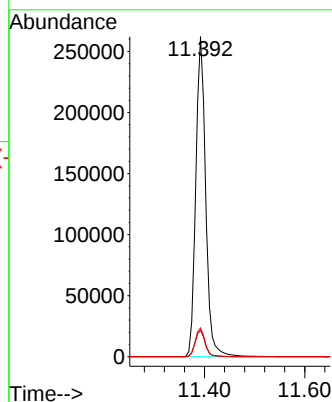
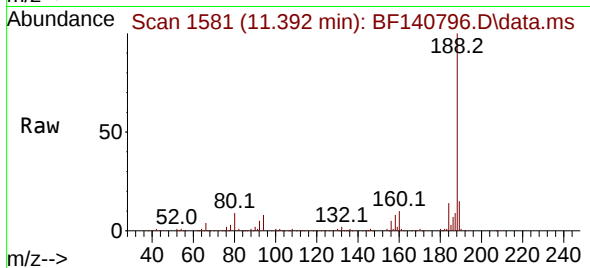
Tgt Ion:188 Resp: 357416

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.0 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.847 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140796.D

Acq: 10 Dec 2024 10:31

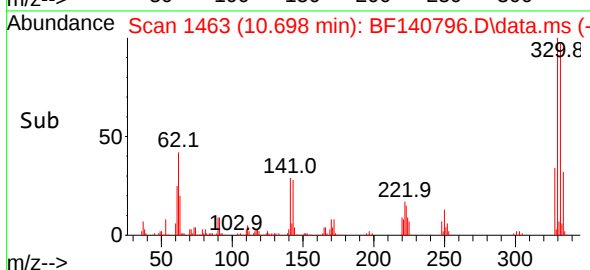
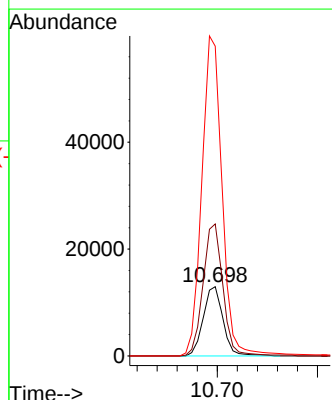
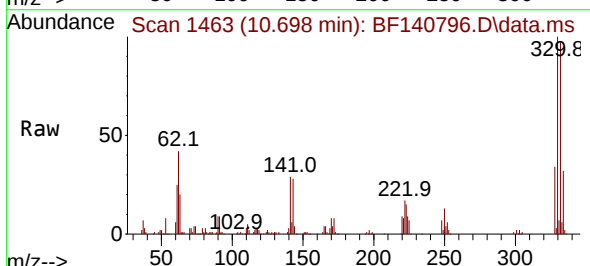
Tgt Ion:248 Resp: 17840

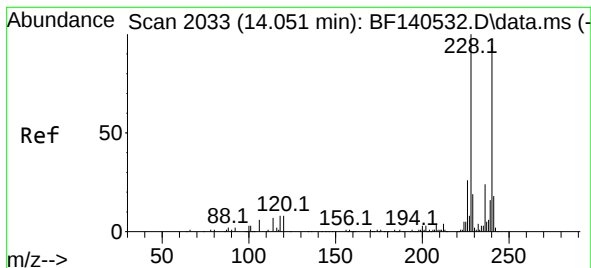
Ion Ratio Lower Upper

248 100

250 190.4 79.8 119.8#

141 446.7 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140796.D

Acq: 10 Dec 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB165477BL

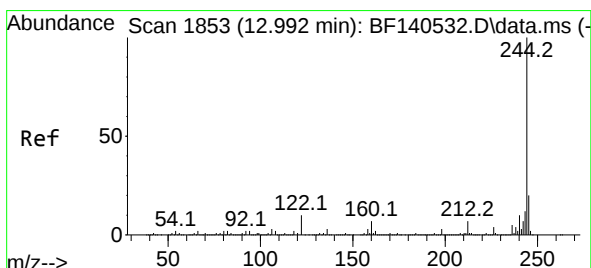
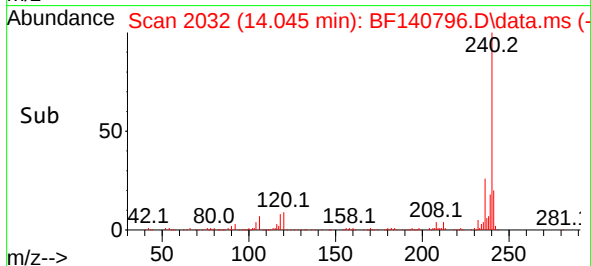
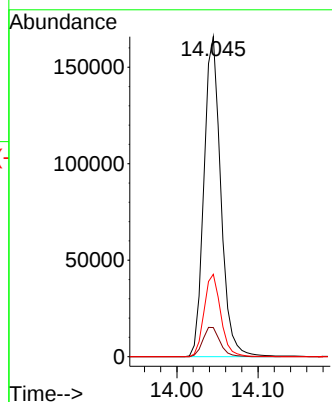
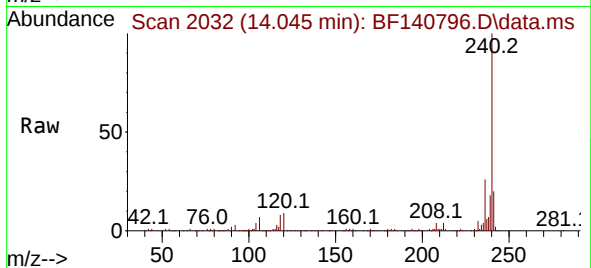
Tgt Ion:240 Resp: 238992

Ion Ratio Lower Upper

240 100

120 9.1 7.3 10.9

236 25.8 20.6 31.0



#79

Terphenyl-d14

Concen: 89.963 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140796.D

Acq: 10 Dec 2024 10:31

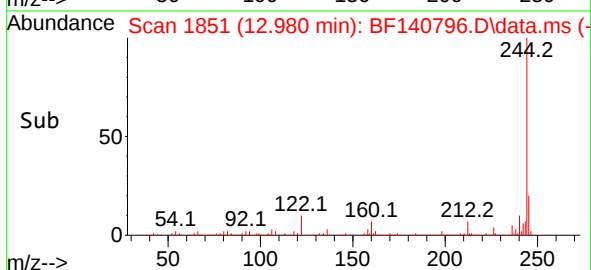
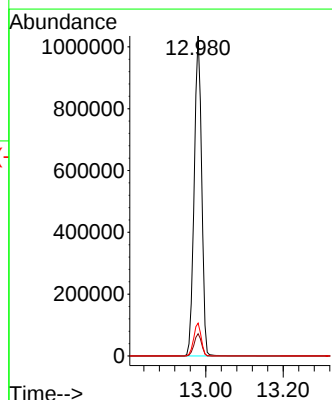
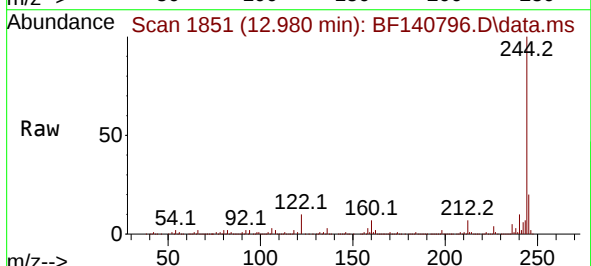
Tgt Ion:244 Resp: 1380772

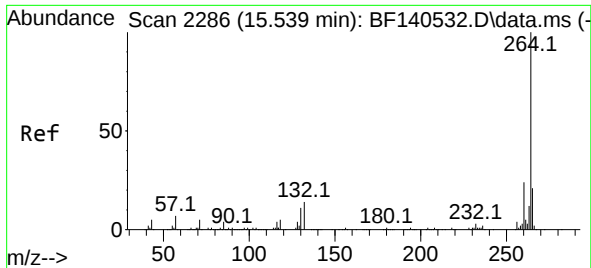
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.3 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF140796.D
 Acq: 10 Dec 2024 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB165477BL

Tgt Ion:264 Resp: 189433
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.8 16.6 25.0

