

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
 Data File : BF135881.D
 Acq On : 19 Oct 2023 12:24
 Operator : CG\JU
 Sample : PB156361BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156361BL

Quant Time: Oct 19 13:11:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

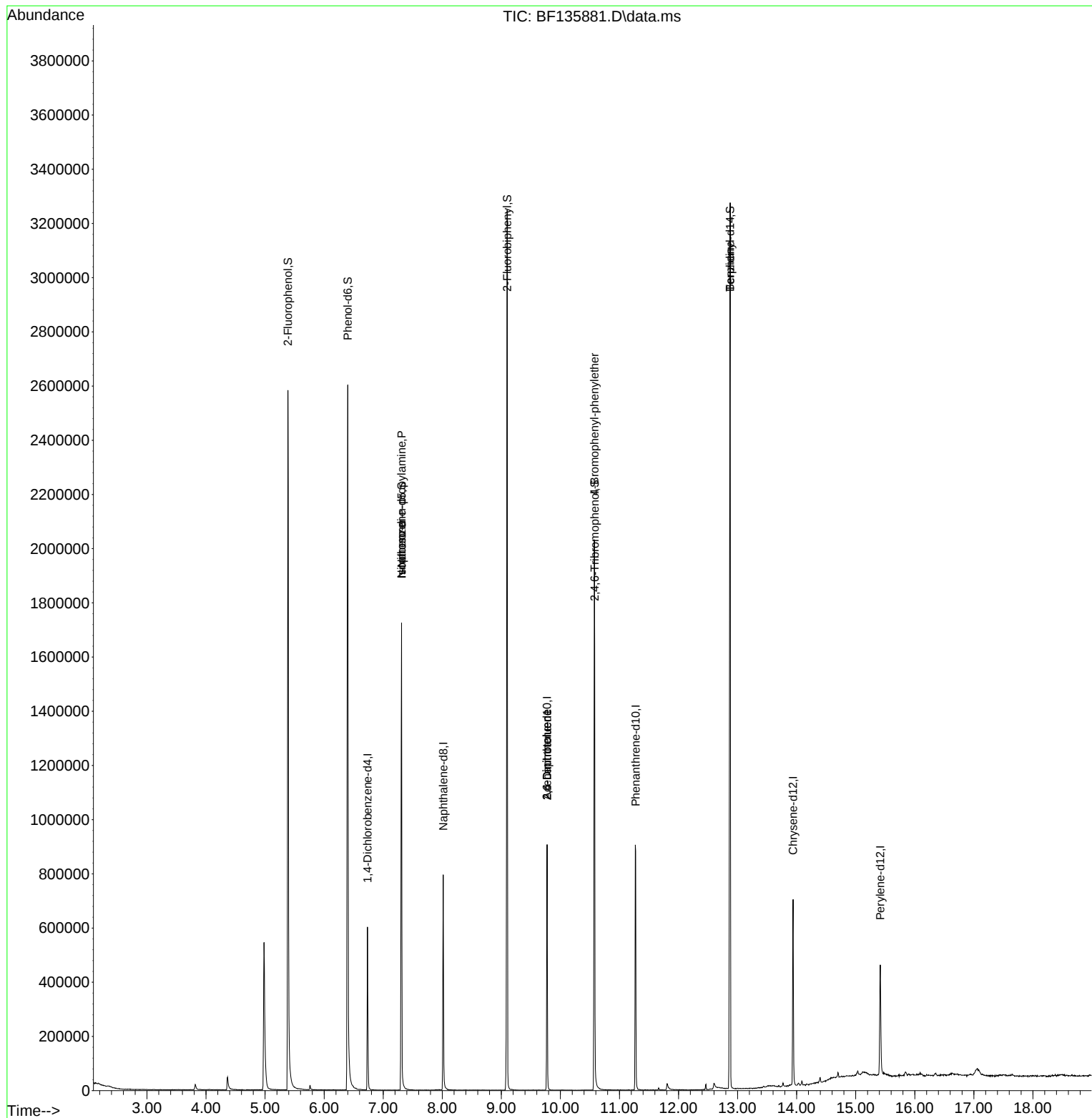
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	83450	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	341471	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	168383	20.000	ng	-0.01
64) Phenanthrene-d10	11.275	188	373309	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	237742	20.000	ng	-0.01
86) Perylene-d12	15.416	264	207070	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	765079	147.400	ng	0.01
7) Phenol-d6	6.399	99	928298	143.338	ng	0.00
23) Nitrobenzene-d5	7.310	82	530401	85.429	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	264741	163.848	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	995345	92.422	ng	0.00
79) Terphenyl-d14	12.875	244	1231315	95.914	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.310	70	71756	17.919	ng	# 72
25) Isophorone	7.310	82	530396	45.282	ng	# 66
51) 2,6-Dinitrotoluene	9.775	165	22144	9.059	ng	# 16
57) 2,4-Dinitrotoluene	9.775	165	22144	7.121	ng	# 23
67) 4-Bromophenyl-phenylether	10.575	248	16050	4.283	ng	# 1
77) Benzidine	12.875	184	15061	2.903	ng	# 94

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

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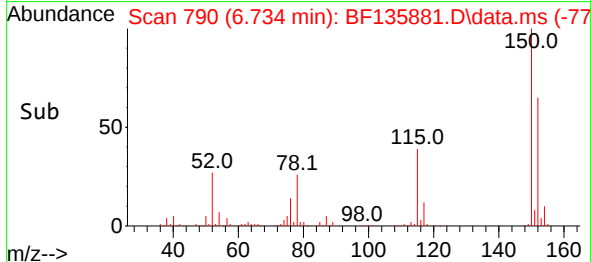
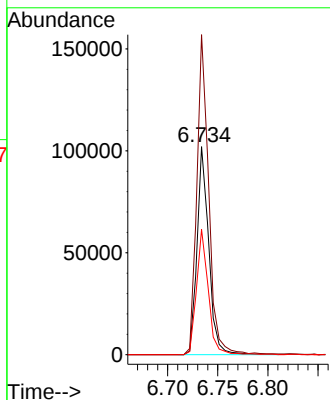
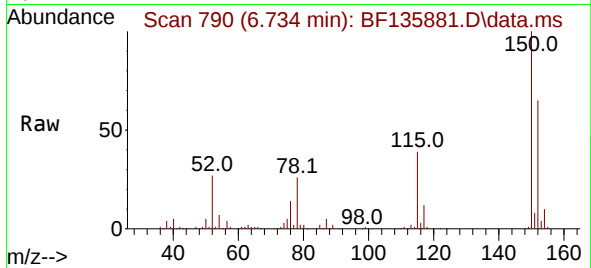




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.012 min
Lab File: BF135881.D
Acq: 19 Oct 2023 12:24

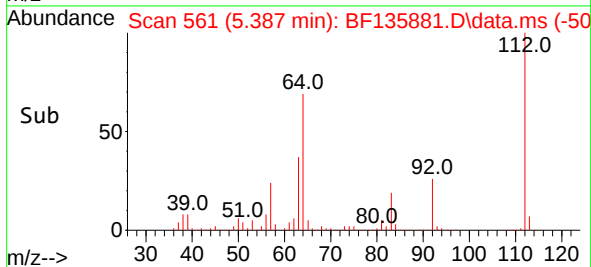
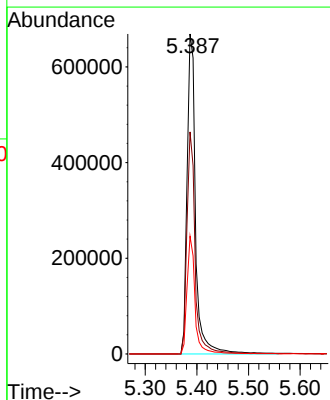
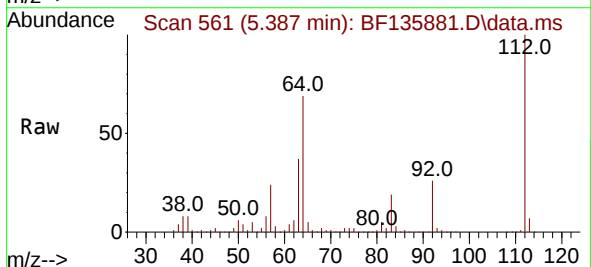
Instrument :
BNA_F
ClientSampleId :
PB156361BL

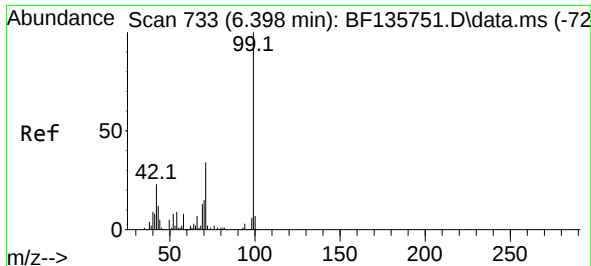
Tgt Ion:152 Resp: 83450
Ion Ratio Lower Upper
152 100
150 153.9 124.5 186.7
115 60.3 49.0 73.4



#5
2-Fluorophenol
Concen: 147.400 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF135881.D
Acq: 19 Oct 2023 12:24

Tgt Ion:112 Resp: 765079
Ion Ratio Lower Upper
112 100
64 69.4 51.2 76.8
63 36.8 26.1 39.1

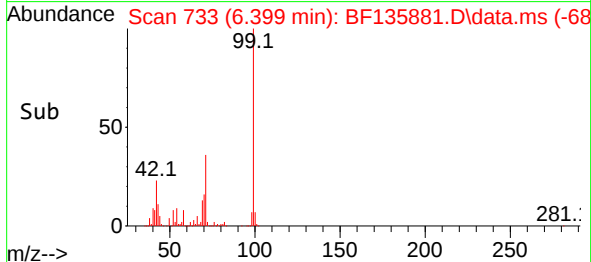
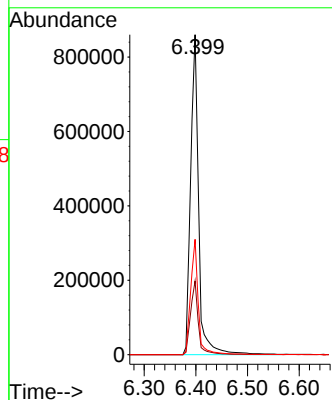
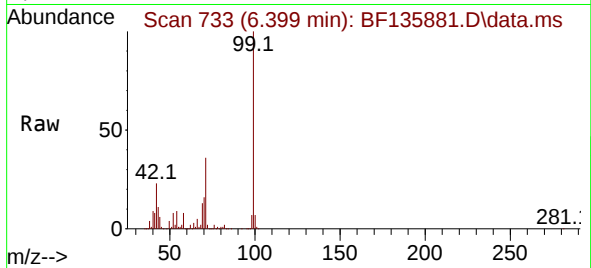




#7
Phenol-d6
Concen: 143.338 ng
RT: 6.399 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135881.D
Acq: 19 Oct 2023 12:24

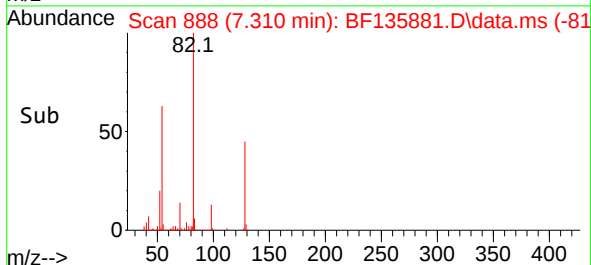
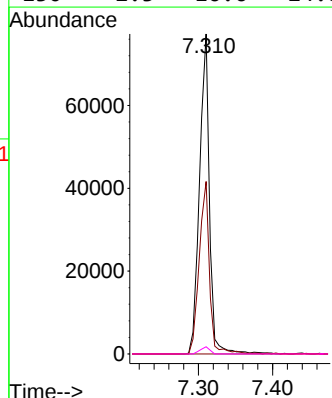
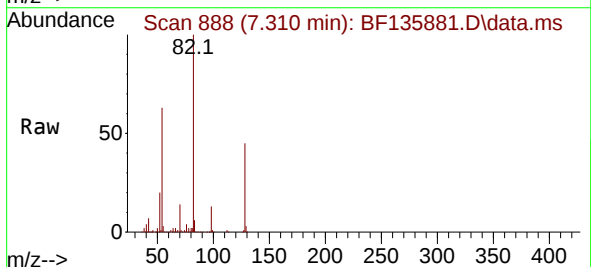
Instrument :
BNA_F
ClientSampleId :
PB156361BL

Tgt Ion: 99 Resp: 928298
Ion Ratio Lower Upper
99 100
42 23.0 18.4 27.6
71 36.0 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.919 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF135881.D
Acq: 19 Oct 2023 12:24

Tgt Ion: 70 Resp: 71756
Ion Ratio Lower Upper
70 100
42 53.9 59.8 89.6#
101 0.0 7.4 11.2#
130 2.3 16.6 24.8#

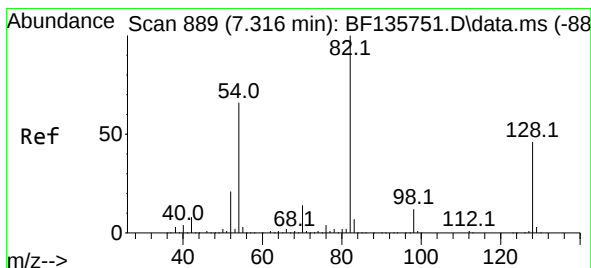
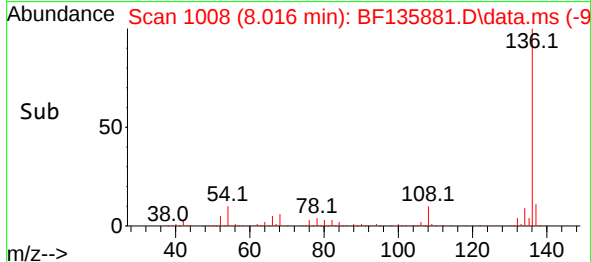
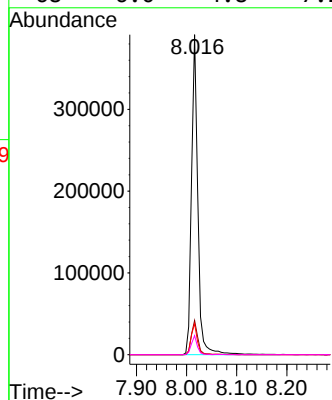
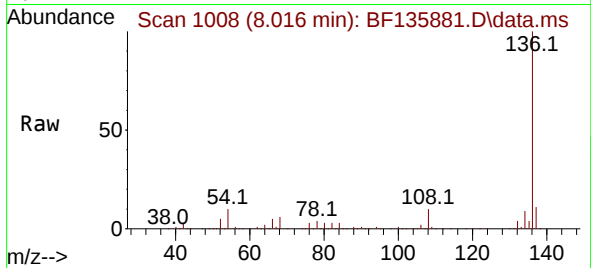




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135881.D
Acq: 19 Oct 2023 12:24

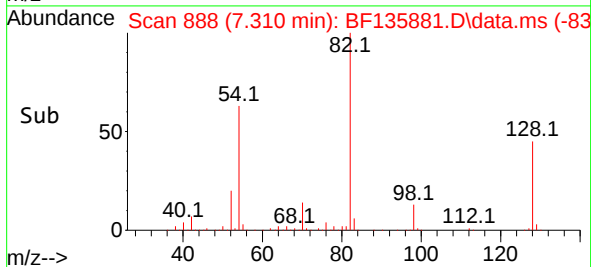
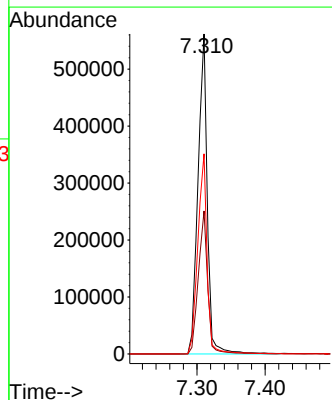
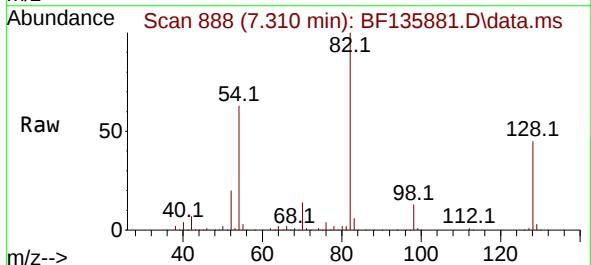
Instrument :
BNA_F
ClientSampleId :
PB156361BL

Tgt Ion:136 Resp: 341471
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.7 8.5 12.7
68 6.0 4.8 7.2



#23
Nitrobenzene-d5
Concen: 85.429 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135881.D
Acq: 19 Oct 2023 12:24

Tgt Ion: 82 Resp: 530401
Ion Ratio Lower Upper
82 100
128 44.7 37.0 55.6
54 62.5 52.8 79.2

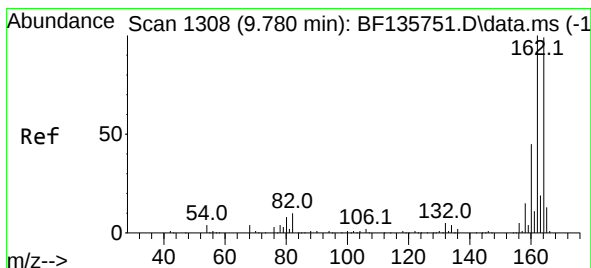
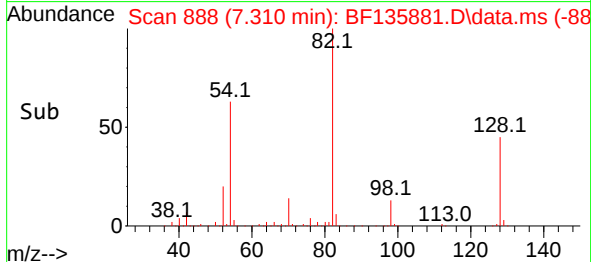
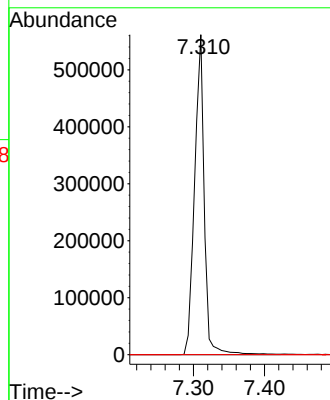
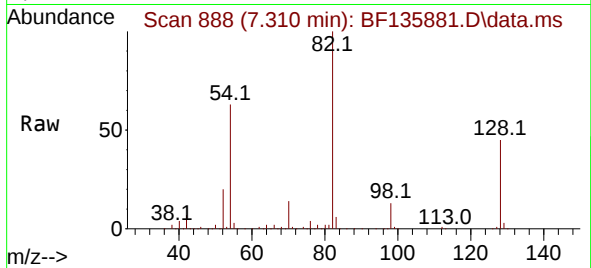




#25
Isophorone
Concen: 45.282 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135881.D
Acq: 19 Oct 2023 12:24

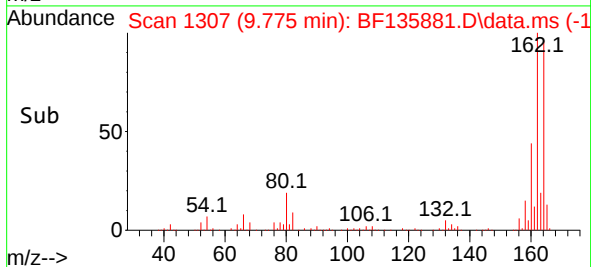
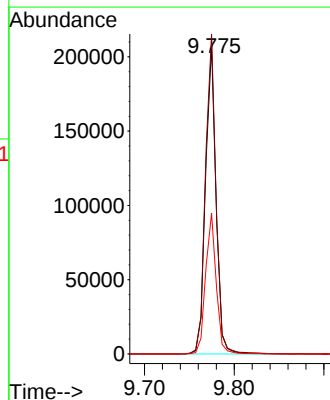
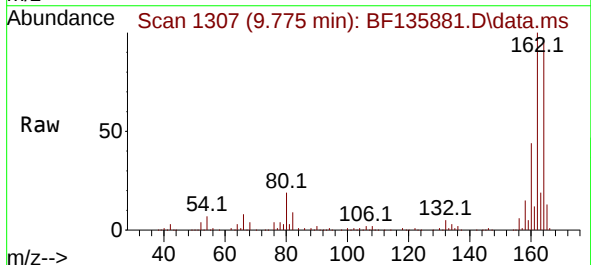
Instrument :
BNA_F
ClientSampleId :
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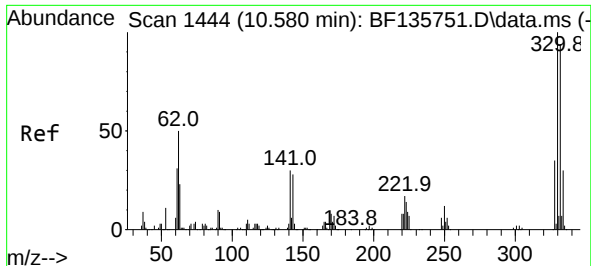
Tgt Ion: 82 Resp: 530396
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135881.D
Acq: 19 Oct 2023 12:24

Tgt Ion:164 Resp: 168383
Ion Ratio Lower Upper
164 100
162 103.7 80.8 121.2
160 45.6 36.6 54.8

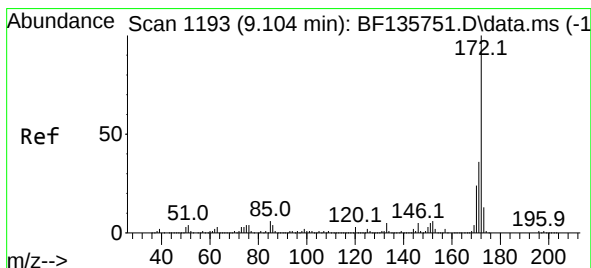
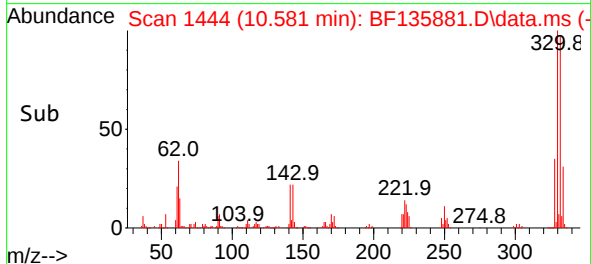
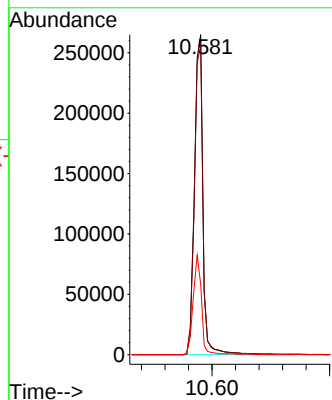
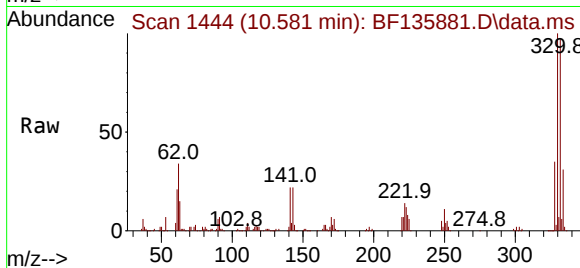




#42
2,4,6-Tribromophenol
Concen: 163.848 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135881.D
Acq: 19 Oct 2023 12:24

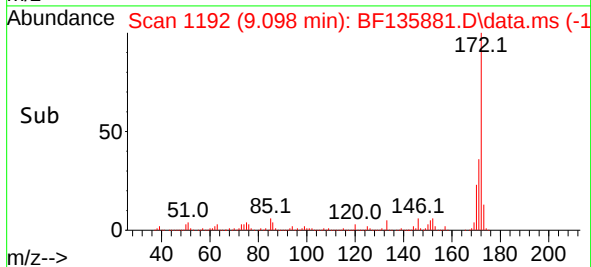
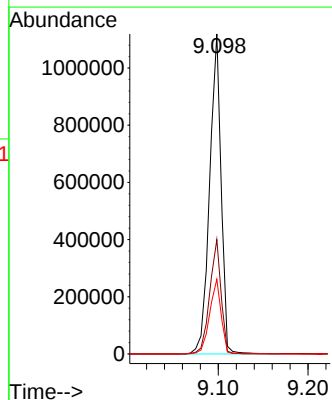
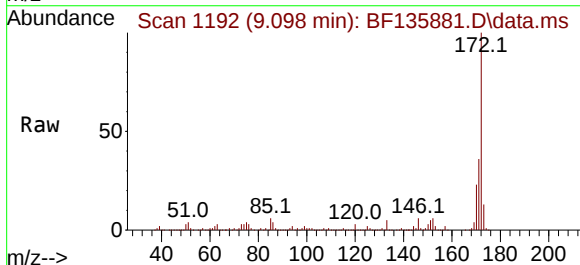
Instrument :
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ClientSampleId :
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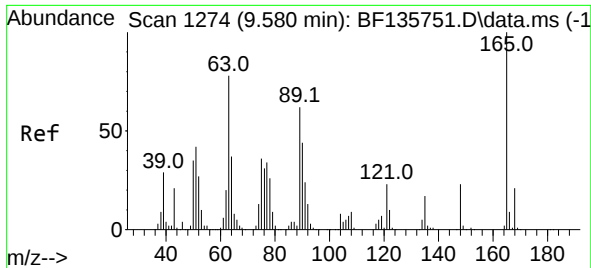
Tgt Ion:330 Resp: 264741
Ion Ratio Lower Upper
330 100
332 96.5 75.0 112.4
141 30.8 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 92.422 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135881.D
Acq: 19 Oct 2023 12:24

Tgt Ion:172 Resp: 995345
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.4 18.8 28.2

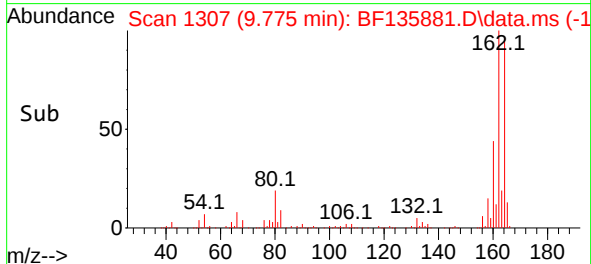
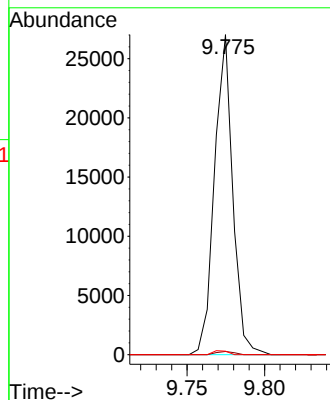
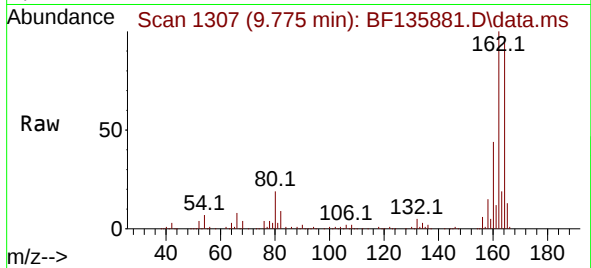




#51
2,6-Dinitrotoluene
Concen: 9.059 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135881.D
Acq: 19 Oct 2023 12:24

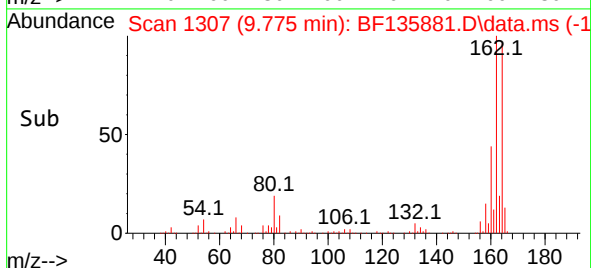
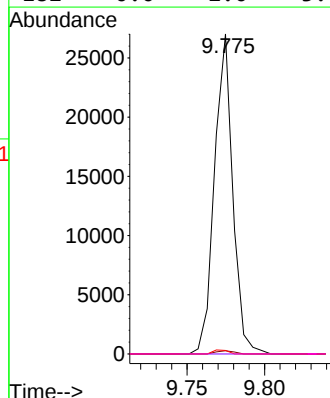
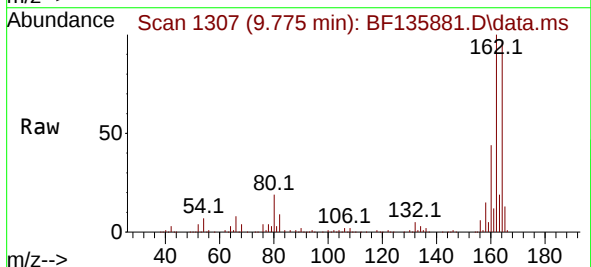
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ClientSampleId :
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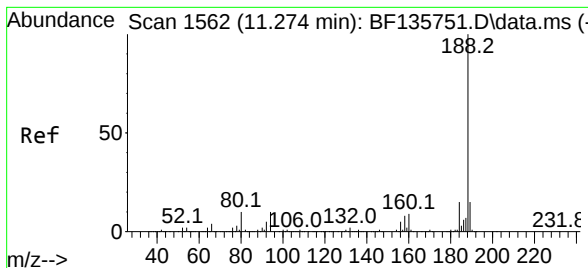
Tgt Ion:165 Resp: 22144
Ion Ratio Lower Upper
165 100
63 1.0 62.2 93.4#
89 1.1 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 7.121 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.229 min
Lab File: BF135881.D
Acq: 19 Oct 2023 12:24

Tgt Ion:165 Resp: 22144
Ion Ratio Lower Upper
165 100
63 1.0 39.0 58.4#
89 1.1 55.9 83.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135881.D

Acq: 19 Oct 2023 12:24

Instrument :

BNA_F

ClientSampleId :

PB156361BL

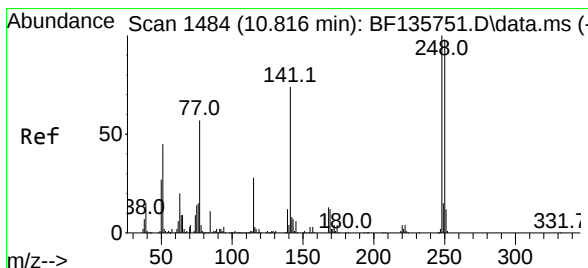
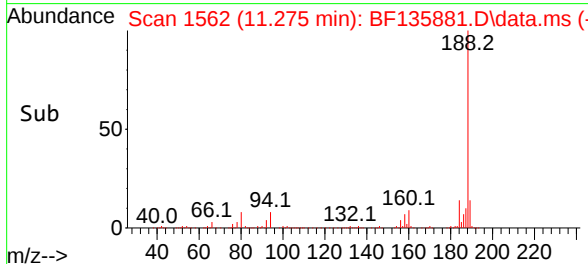
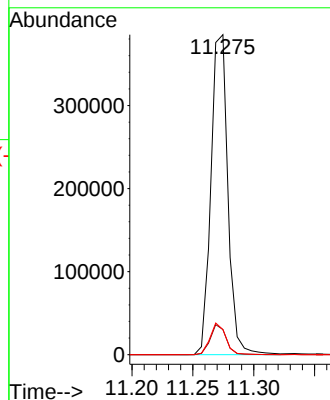
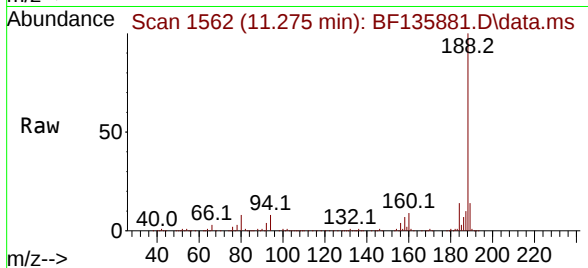
Tgt Ion:188 Resp: 373309

Ion Ratio Lower Upper

188 100

94 7.9 8.0 12.0#

80 7.8 8.3 12.5#



#67

4-Bromophenyl-phenylether

Concen: 4.283 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.247 min

Lab File: BF135881.D

Acq: 19 Oct 2023 12:24

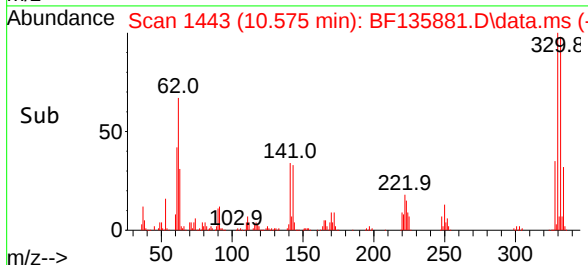
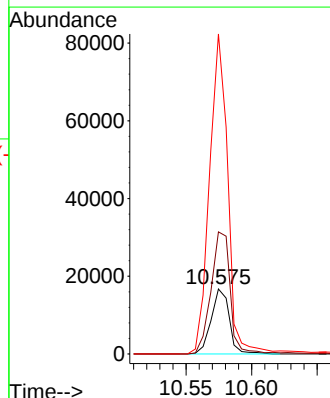
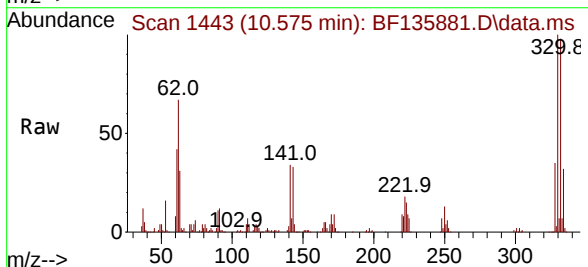
Tgt Ion:248 Resp: 16050

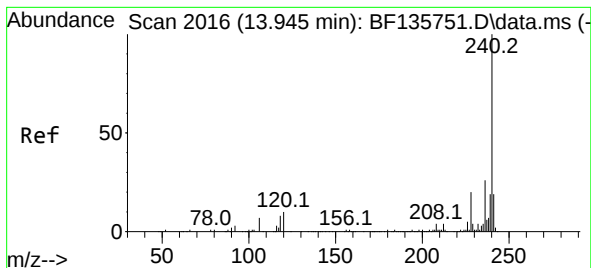
Ion Ratio Lower Upper

248 100

250 188.0 78.0 117.0#

141 492.8 59.0 88.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF135881.D

Acq: 19 Oct 2023 12:24

Instrument :

BNA_F

ClientSampleId :

PB156361BL

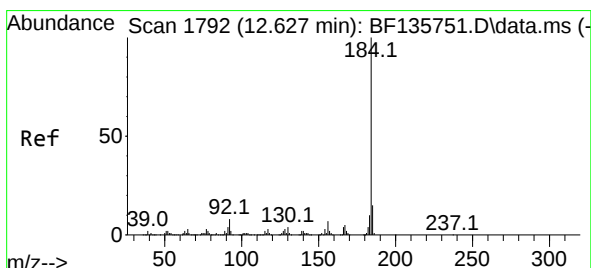
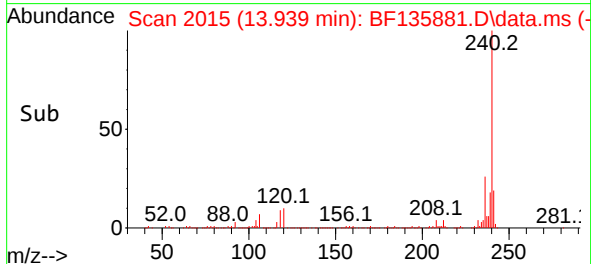
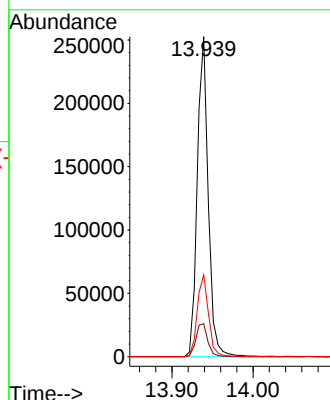
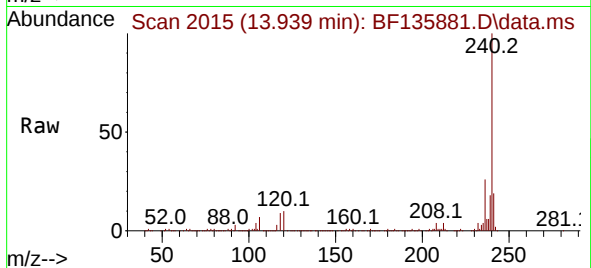
Tgt Ion:240 Resp: 237742

Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

236 25.6 21.2 31.8



#77

Benzidine

Concen: 2.903 ng

RT: 12.875 min Scan# 1834

Delta R.T. 0.241 min

Lab File: BF135881.D

Acq: 19 Oct 2023 12:24

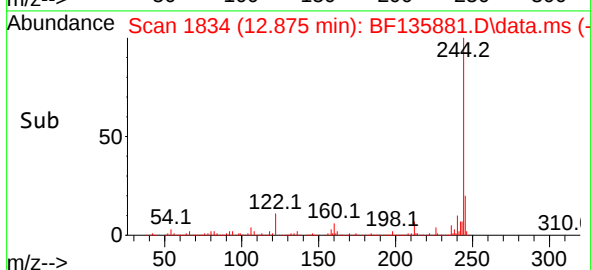
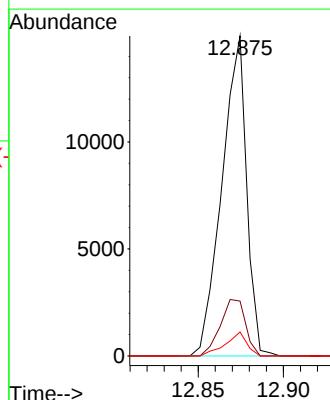
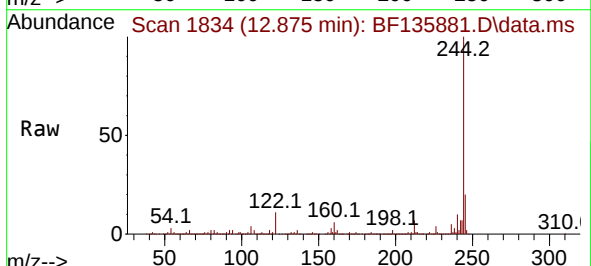
Tgt Ion:184 Resp: 15061

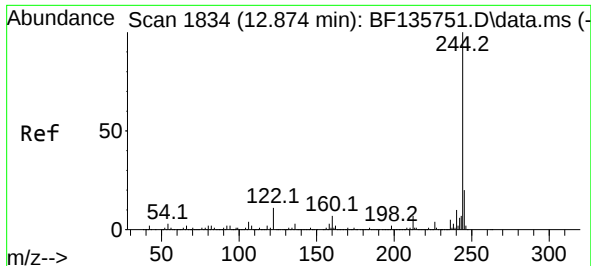
Ion Ratio Lower Upper

184 100

185 17.1 12.0 18.0

183 7.5 8.2 12.2#

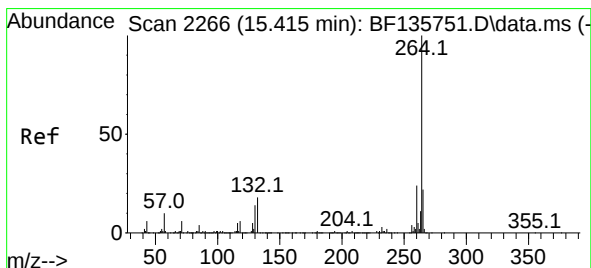
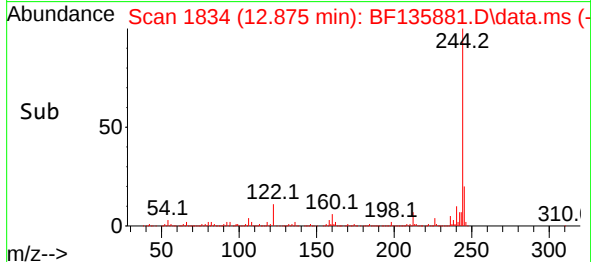
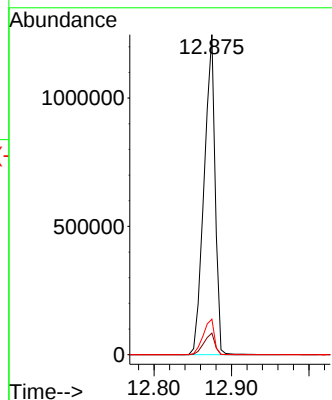
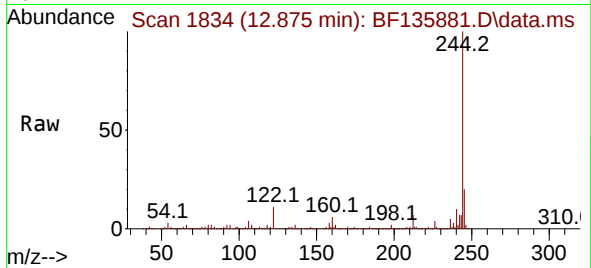




#79
 Terphenyl-d14
 Concen: 95.914 ng
 RT: 12.875 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF135881.D
 Acq: 19 Oct 2023 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PB156361BL

Tgt Ion:244 Resp: 1231315
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.1 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.416 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF135881.D
 Acq: 19 Oct 2023 12:24

Tgt Ion:264 Resp: 207070
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.3 17.4 26.2

