

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
 Data File : BF122765.D
 Acq On : 17 Dec 2020 15:32
 Operator : JU/CG
 Sample : PB133642BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133642BL

Quant Time: Dec 17 16:04:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

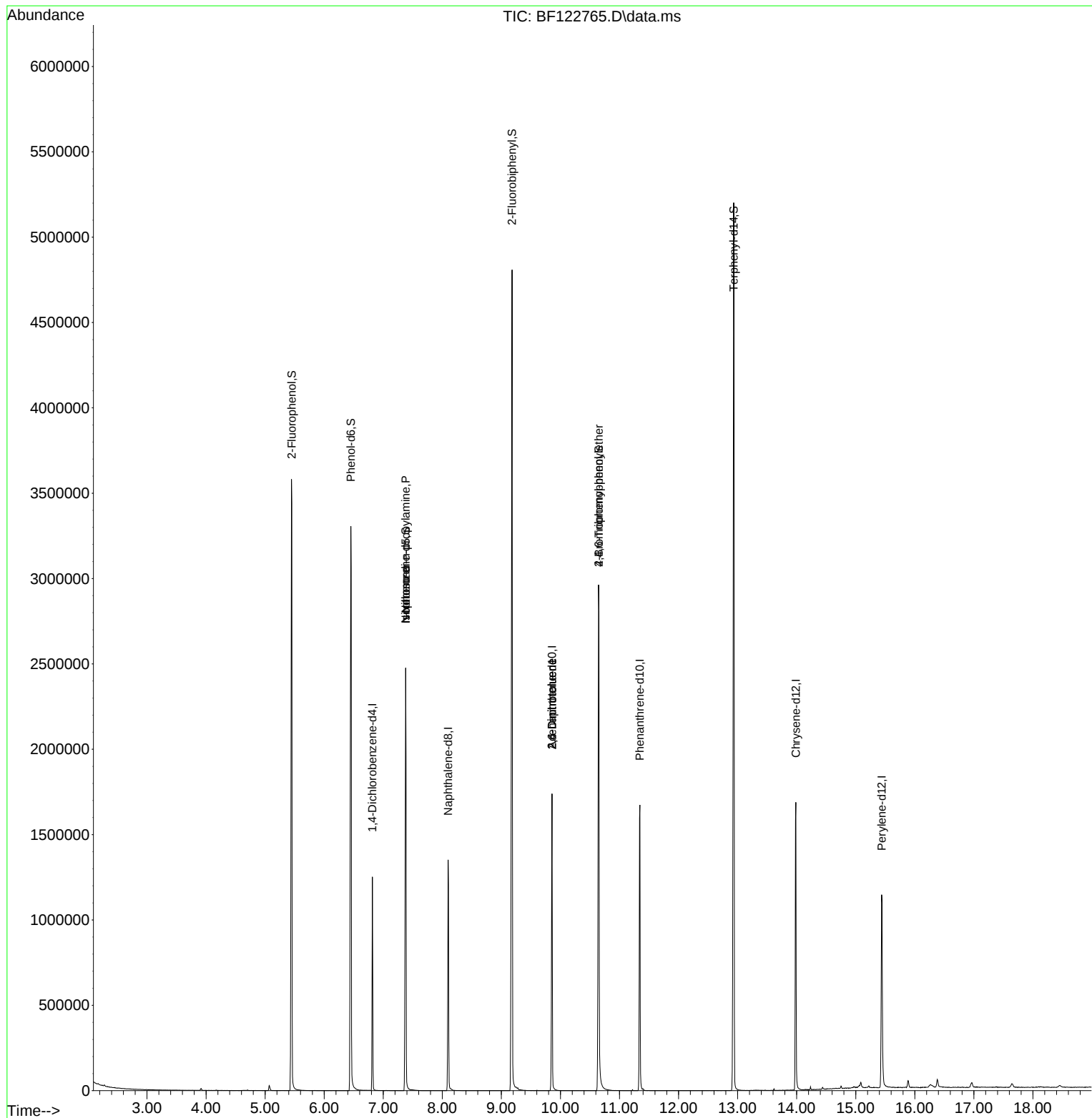
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	180136	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	712265	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	380340	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	708976	20.00	ng	0.00
76) Chrysene-d12	13.986	240	656726	20.00	ng	0.00
86) Perylene-d12	15.439	264	607307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1236863	108.70	ng	0.02
7) Phenol-d6	6.451	99	1548553	102.62	ng	0.00
23) Nitrobenzene-d5	7.381	82	980910	69.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	515502	103.55	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1808134	64.30	ng	0.00
79) Terphenyl-d14	12.933	244	2065770	55.06	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	128997	14.92	ng	# 76
25) Isophorone	7.381	82	980903	40.06	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	48099	7.50	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	48099	5.63	ng	# 25
67) 4-Bromophenyl-phenylether	10.651	248	31316	3.26	ng	# 1

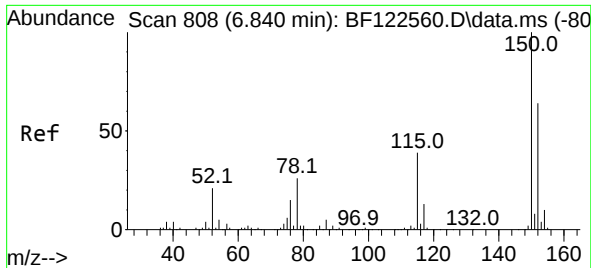
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 17 16:04:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

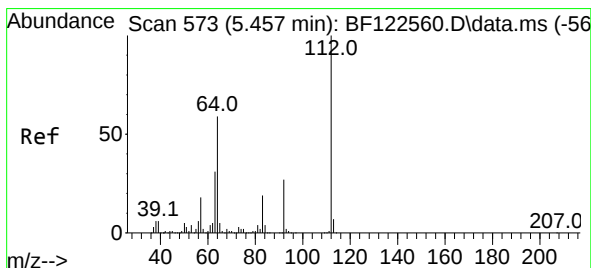
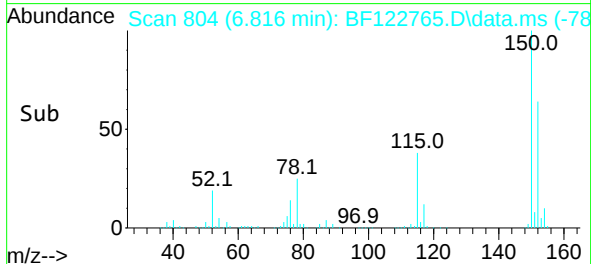
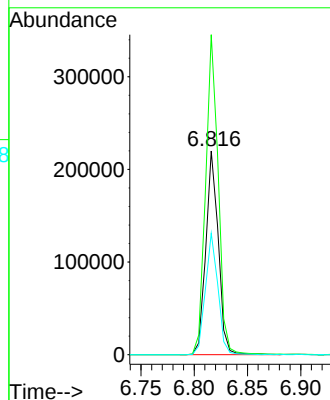
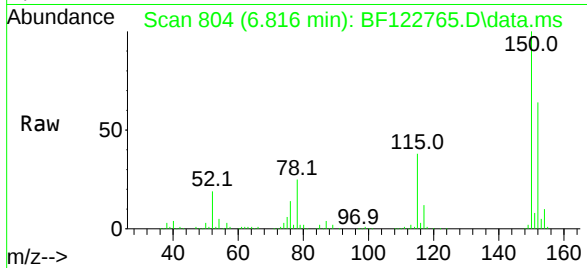




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122765.D
Acq: 17 Dec 2020 15:32

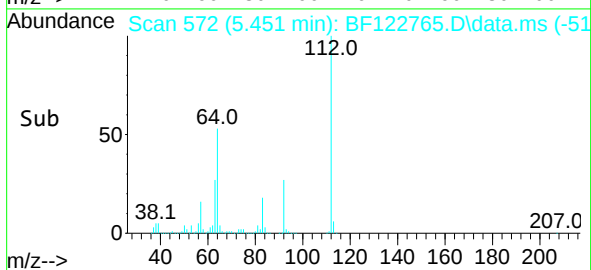
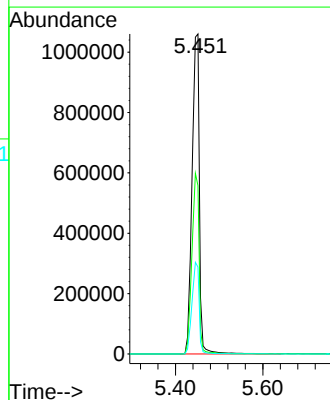
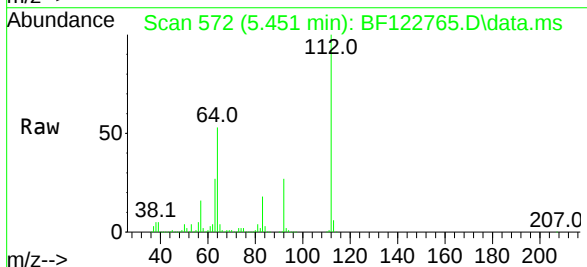
Instrument :
BNA_F
ClientSampleId :
PB133642BL

Tgt Ion:152 Resp: 180136
Ion Ratio Lower Upper
152 100
150 157.1 125.8 188.6
115 59.7 49.3 73.9



#5
2-Fluorophenol
Concen: 108.70 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF122765.D
Acq: 17 Dec 2020 15:32

Tgt Ion:112 Resp: 1236863
Ion Ratio Lower Upper
112 100
64 52.6 46.9 70.3
63 27.1 24.5 36.7

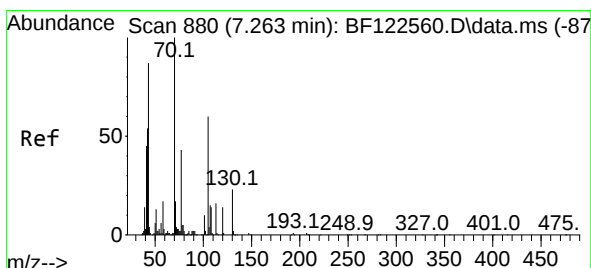
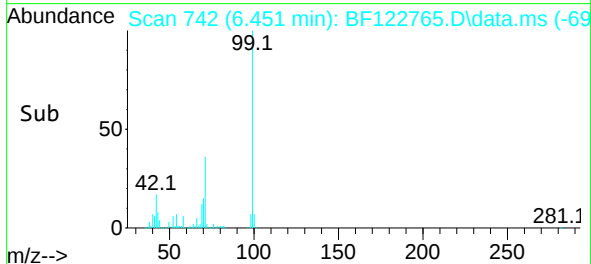
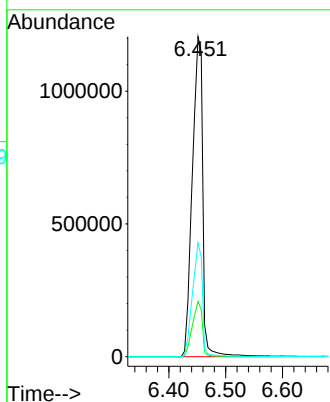
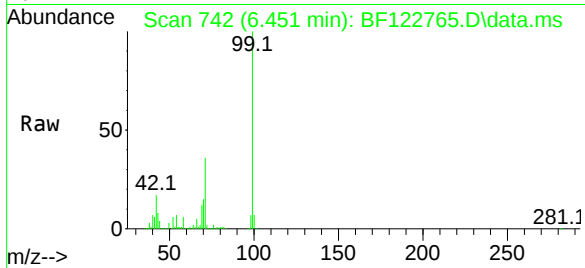




#7
Phenol-d6
Concen: 102.62 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122765.D
Acq: 17 Dec 2020 15:32

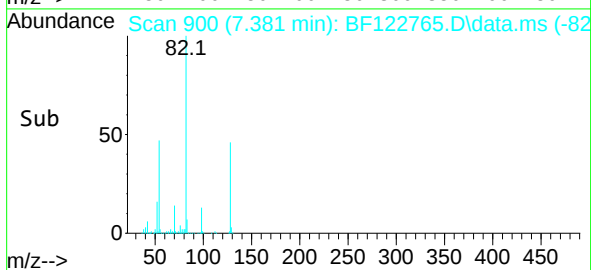
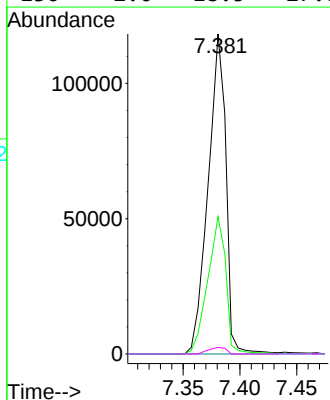
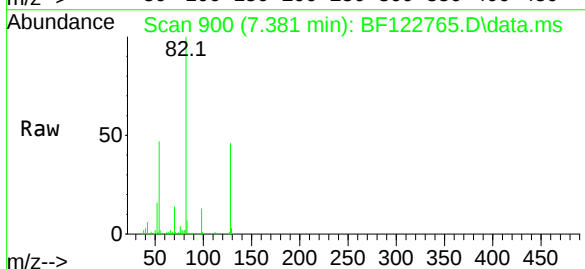
Instrument :
BNA_F
ClientSampleId :
PB133642BL

Tgt Ion: 99 Resp: 1548553
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.6
71 35.6 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.92 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122765.D
Acq: 17 Dec 2020 15:32

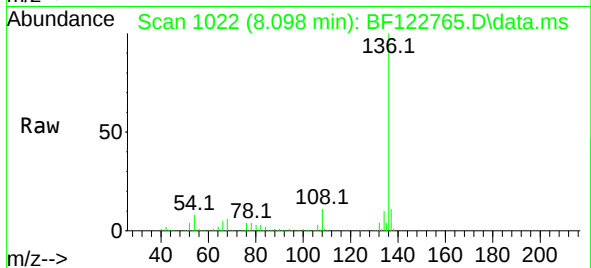
Tgt Ion: 70 Resp: 128997
Ion Ratio Lower Upper
70 100
42 42.9 43.0 64.4#
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



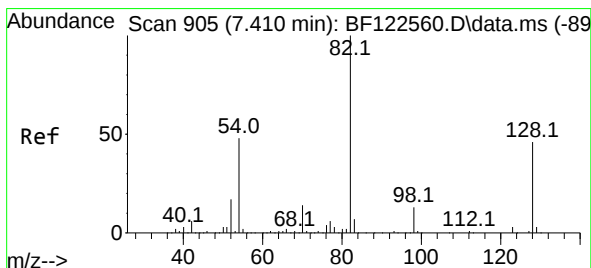
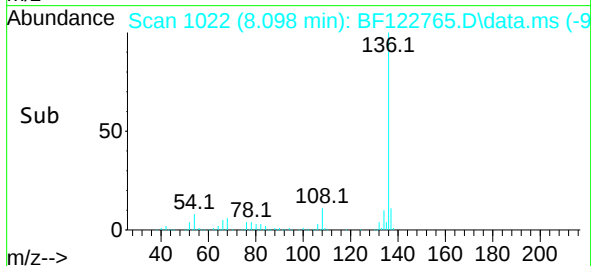
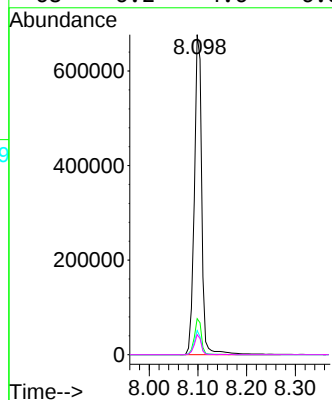


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122765.D
Acq: 17 Dec 2020 15:32

Instrument :
BNA_F
ClientSampleId :
PB133642BL

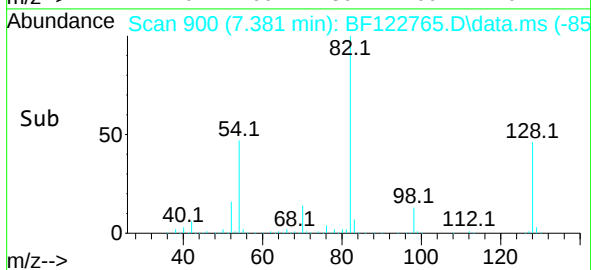
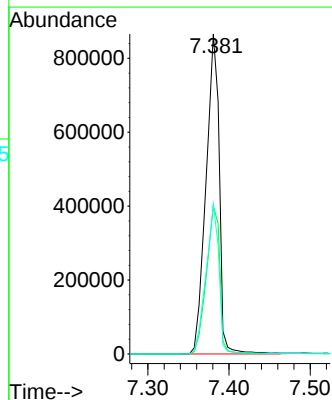
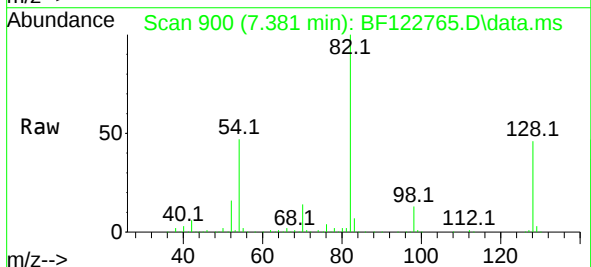


Tgt Ion:	136	Resp:	712265
Ion Ratio	100	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.6	5.5	8.3
68	6.2	4.6	6.8



#23
Nitrobenzene-d5
Concen: 69.00 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122765.D
Acq: 17 Dec 2020 15:32

Tgt Ion:	82	Resp:	980910
Ion Ratio	100	Lower	Upper
82	100		
128	46.3	37.0	55.4
54	46.8	38.4	57.6

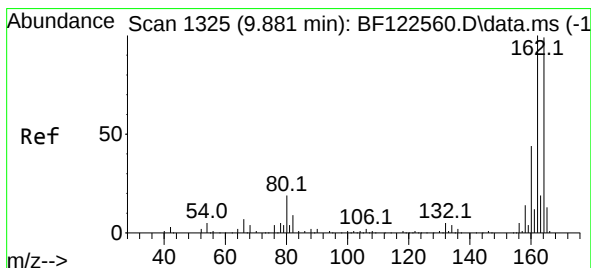
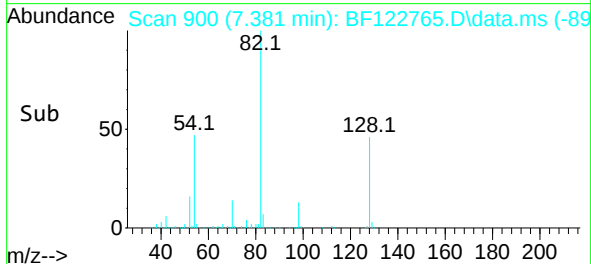
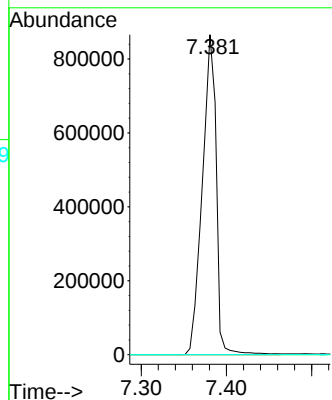
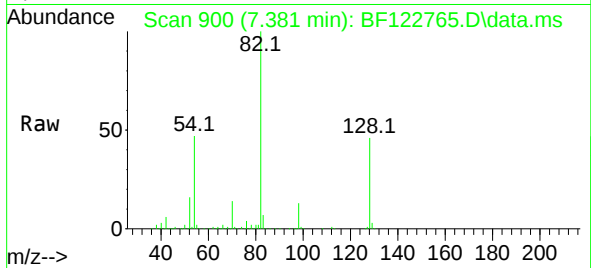




#25
Isophorone
Concen: 40.06 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122765.D
Acq: 17 Dec 2020 15:32

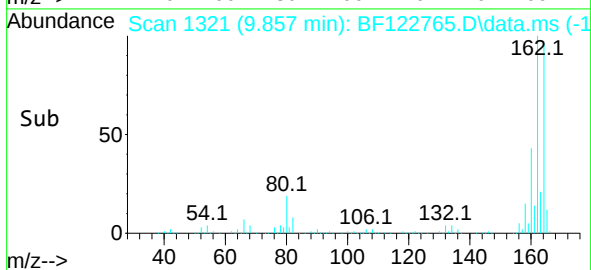
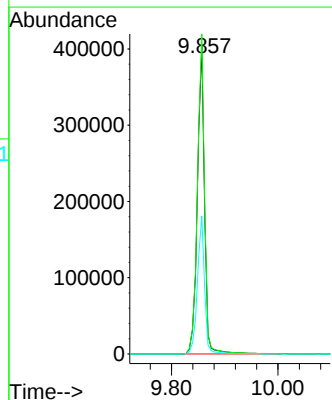
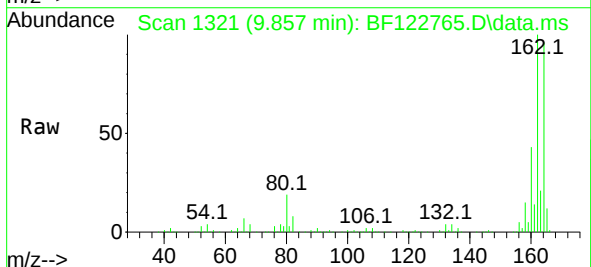
Instrument :
BNA_F
ClientSampleId :
PB133642BL

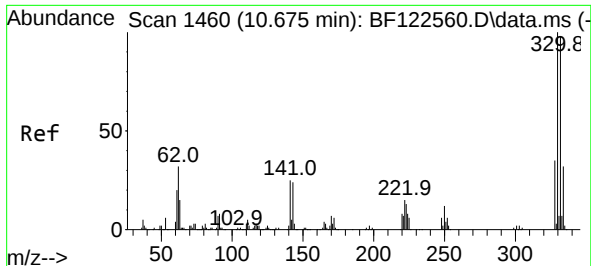
Tgt Ion: 82 Resp: 980903
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122765.D
Acq: 17 Dec 2020 15:32

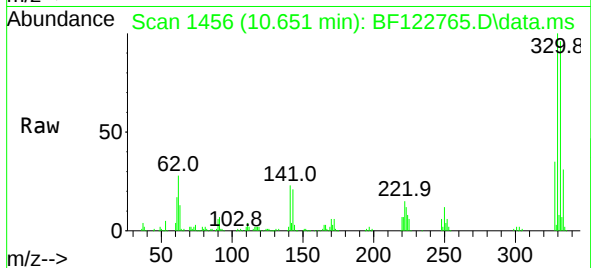
Tgt Ion:164 Resp: 380340
Ion Ratio Lower Upper
164 100
162 104.0 80.8 121.2
160 44.8 35.4 53.0



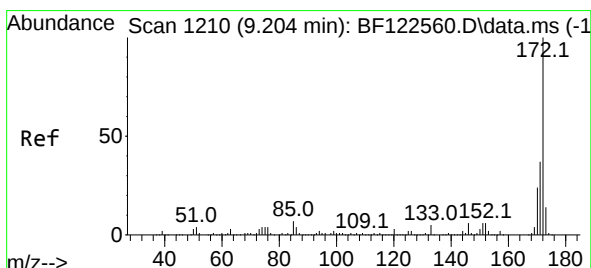
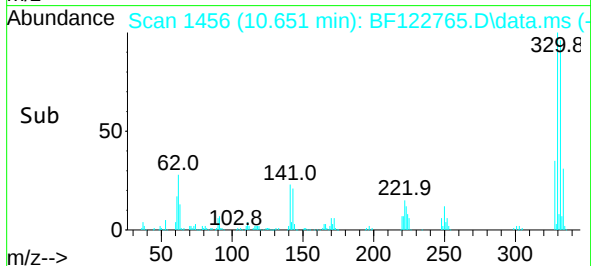
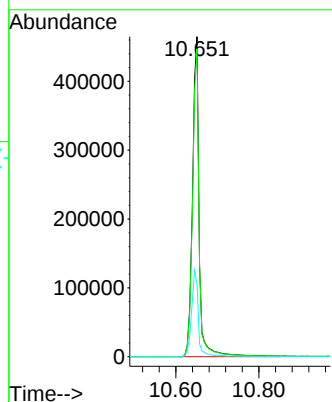


#42
2,4,6-Tribromophenol
Concen: 103.55 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122765.D
Acq: 17 Dec 2020 15:32

Instrument :
BNA_F
ClientSampleId :
PB133642BL

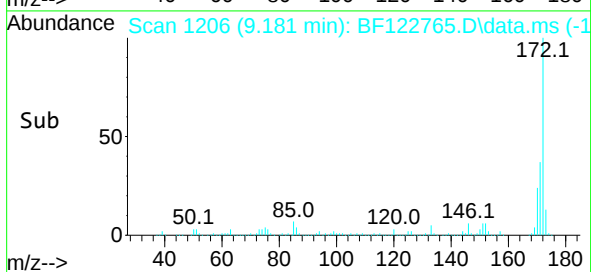
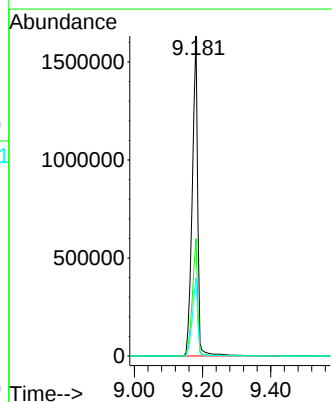
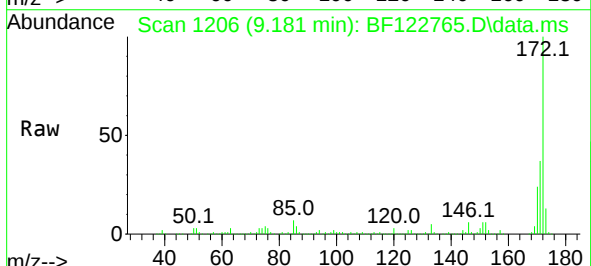


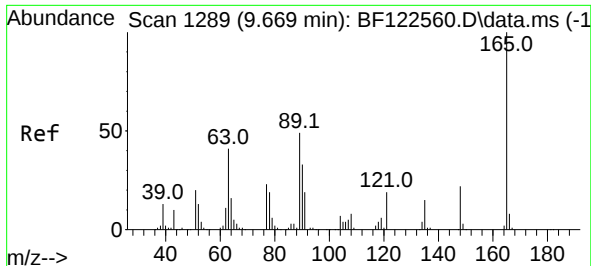
Tgt Ion: 330 Resp: 515502
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 27.8 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 64.30 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122765.D
Acq: 17 Dec 2020 15:32

Tgt Ion: 172 Resp: 1808134
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.3 19.5 29.3

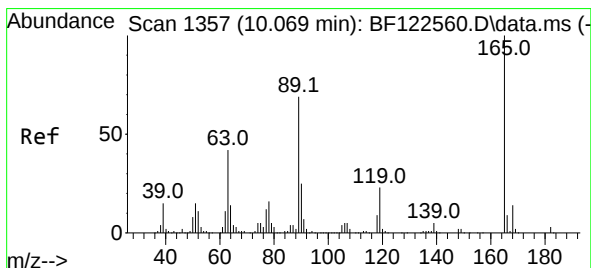
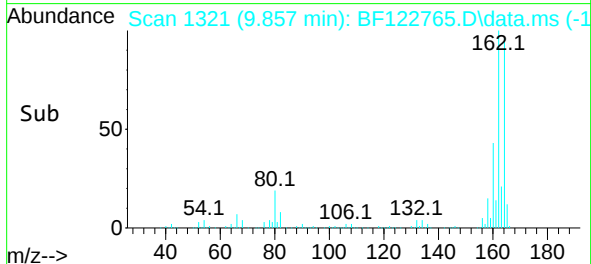
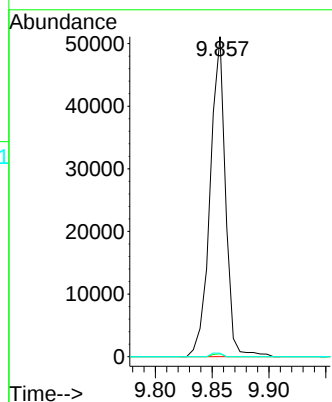
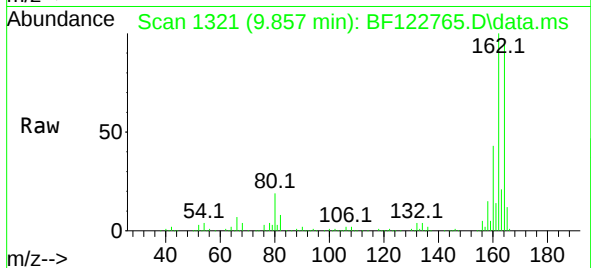




#51
2,6-Dinitrotoluene
Concen: 7.50 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122765.D
Acq: 17 Dec 2020 15:32

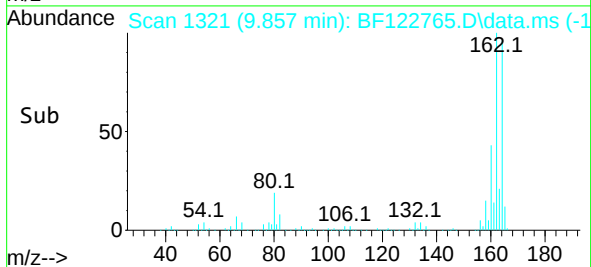
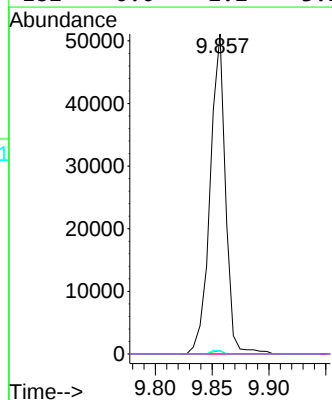
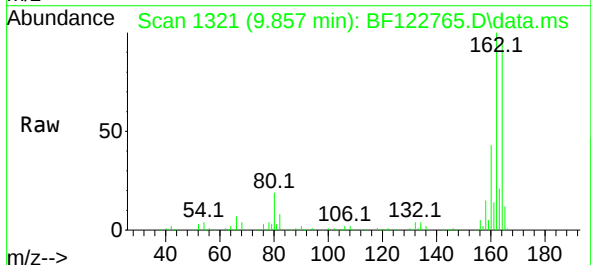
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BNA_F
ClientSampleId :
PB133642BL

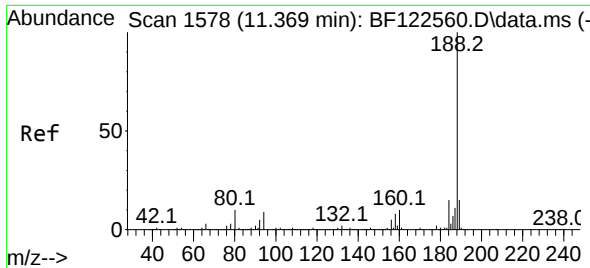
Tgt Ion:165 Resp: 48099
Ion Ratio Lower Upper
165 100
63 0.9 36.6 55.0#
89 1.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.63 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122765.D
Acq: 17 Dec 2020 15:32

Tgt Ion:165 Resp: 48099
Ion Ratio Lower Upper
165 100
63 0.9 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#

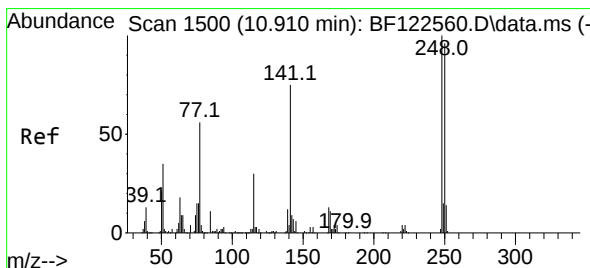
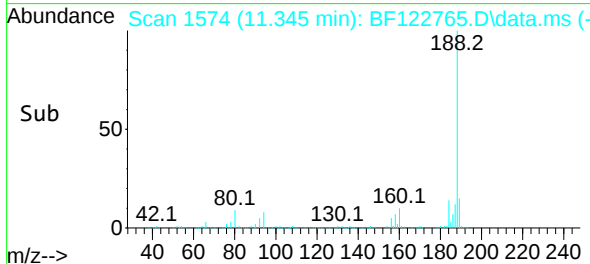
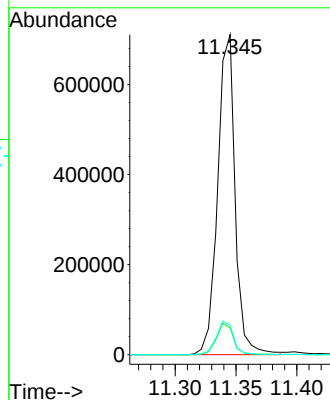
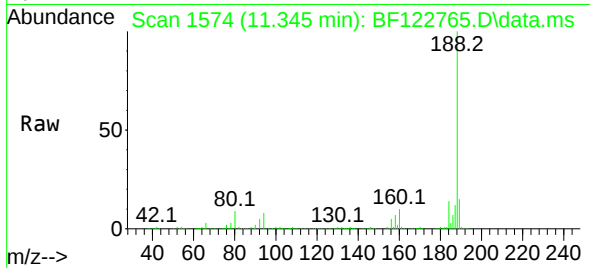




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122765.D
Acq: 17 Dec 2020 15:32

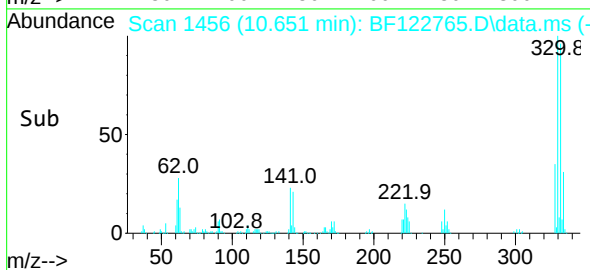
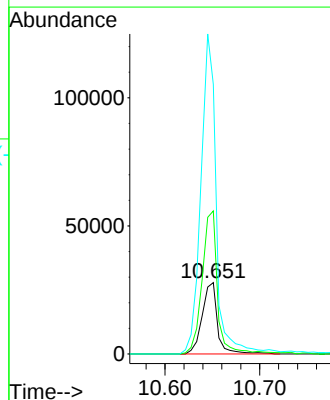
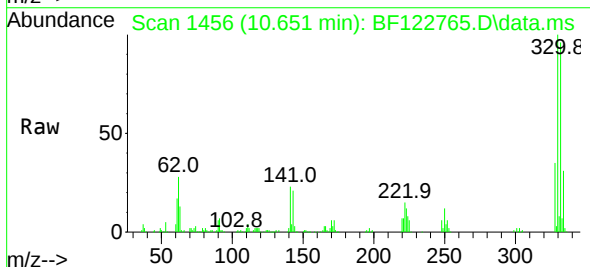
Instrument :
BNA_F
ClientSampleId :
PB133642BL

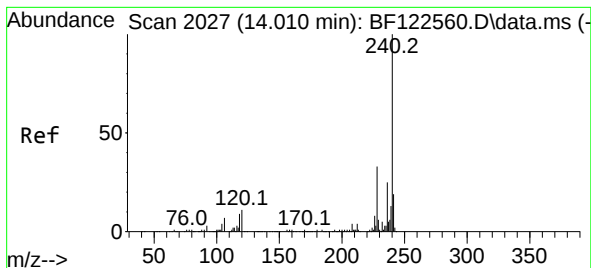
Tgt Ion:188 Resp: 708976
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 9.3 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.26 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.241 min
Lab File: BF122765.D
Acq: 17 Dec 2020 15:32

Tgt Ion:248 Resp: 31316
Ion Ratio Lower Upper
248 100
250 200.5 76.8 115.2#
141 377.9 59.8 89.8#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF122765.D

Acq: 17 Dec 2020 15:32

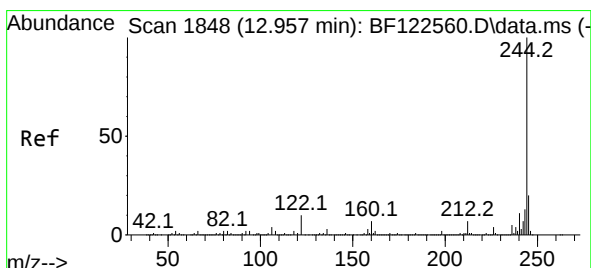
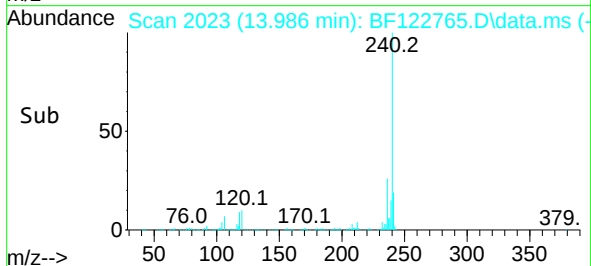
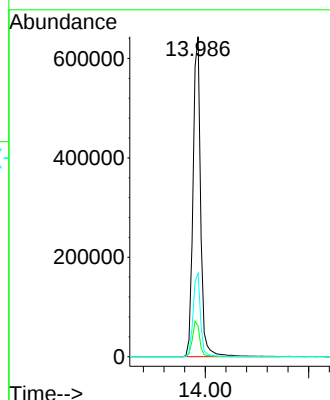
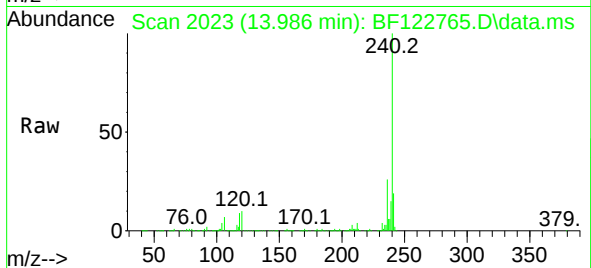
Tgt Ion:240 Resp: 656726

Ion Ratio Lower Upper

240 100

120 9.6 8.6 12.8

236 26.0 20.3 30.5



#79

Terphenyl-d14

Concen: 55.06 ng

RT: 12.933 min Scan# 1844

Delta R.T. -0.000 min

Lab File: BF122765.D

Acq: 17 Dec 2020 15:32

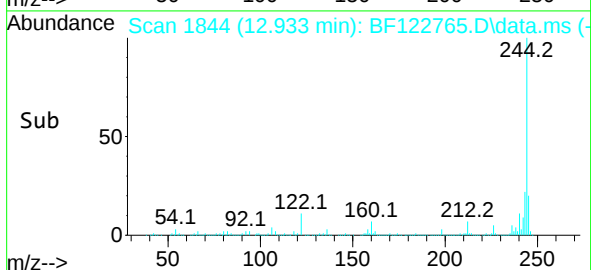
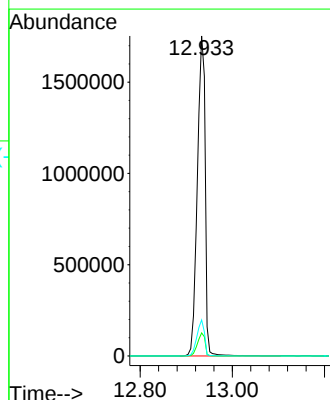
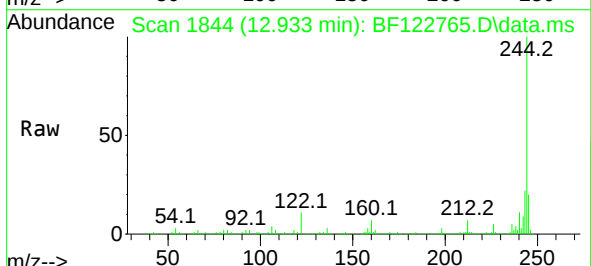
Tgt Ion:244 Resp: 2065770

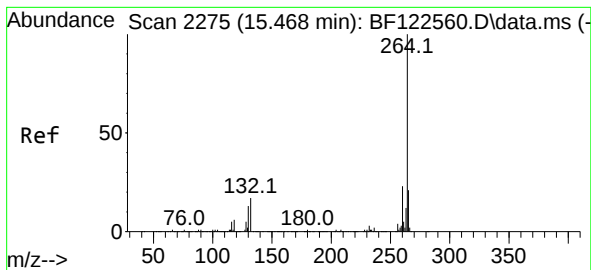
Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

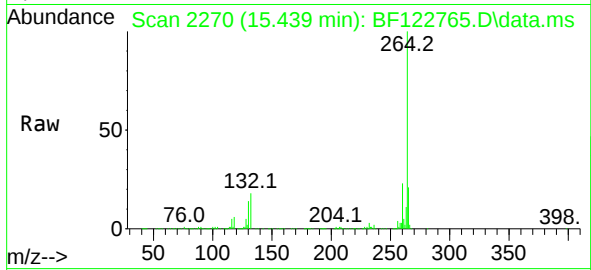
122 11.2 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF122765.D
 Acq: 17 Dec 2020 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB133642BL



Tgt Ion:264 Resp: 607307

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.3	17.0	25.6

